

## PRICE LIST

Effective From 01.10.2025

|                                                                                                                          |                                                                                                                   |                                                                                                                   |                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <p><b>Rotary Switch</b></p>             | <p><b>Load Break Switch</b></p>  | <p><b>DC Isolators</b></p>      | <p><b>Cable Ducts</b></p>            |
| <p><b>Relays / Relay Modules</b></p>  | <p><b>Terminals</b></p>        | <p><b>Limit Switches</b></p>  | <p><b>Plugs &amp; Sockets</b></p>  |
| <p><b>Agri Contactors</b></p>         | <p><b>DP Contactors</b></p>    | <p><b>MCB's</b></p>           | <p><b>DC MCB's / SPD</b></p>       |



**salzer**

Established in 1985 in a time-bound collaboration with Saelzer Schaltegerate Fabrik GmbH to manufacture rotary switches, and headquartered in Coimbatore, Salzer has grown into an independent multi-product entity with a wide basket of Electrical Products, covering a variety of applications for the Domestic, Industrial & Automobile segments.

With a wide network and business association with a major engineering conglomerate on specific product ranges in domestic market, Salzer products are also available as a preferred choice in over 40 countries worldwide.



## Contents

|                                                         |           |
|---------------------------------------------------------|-----------|
| <b>Rotary Switches</b>                                  | <b>4</b>  |
| <b>Load Break Switches</b>                              | <b>15</b> |
| <b>DC Isolators &amp; Changeover</b>                    | <b>18</b> |
| <b>Cable Ducts</b>                                      | <b>19</b> |
| <b>Halogen Free Ducts</b>                               | <b>20</b> |
| <b>Relays &amp; Relay Modules</b>                       | <b>21</b> |
| <b>Terminal Connectors</b>                              | <b>27</b> |
| <b>Limit Switches</b>                                   | <b>31</b> |
| <b>Plugs &amp; Sockets</b>                              | <b>35</b> |
| <b>MCB ISI / IEC</b>                                    | <b>39</b> |
| <b>MCB UL</b>                                           | <b>41</b> |
| <b>RCCB</b>                                             | <b>42</b> |
| <b>DC MCB / Solar Combo</b>                             | <b>43</b> |
| <b>Surge Protection Device (SPD) &amp; Combiner Box</b> | <b>44</b> |
| <b>Agri Contactors</b>                                  | <b>44</b> |
| <b>Definite Purpose (DP) Contactors</b>                 | <b>46</b> |
| <b>Flexible Busbar</b>                                  | <b>47</b> |

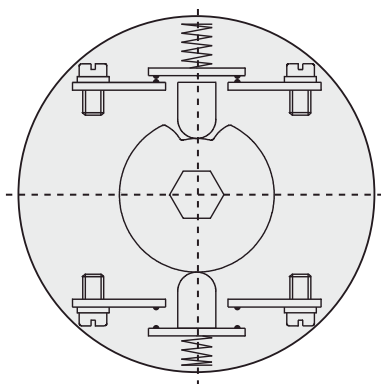
Rotary Switches are Marketed by



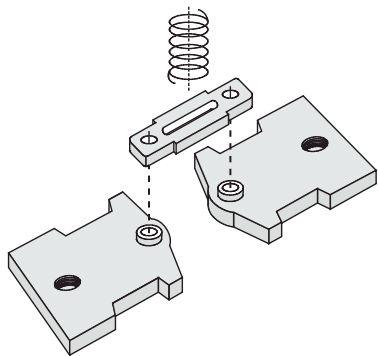
**GST 18%**

# Rotary Switches

## Construction



Cam Assembly



Contact Assembly

ROTARY SWITCHES

Series S, TP, RT and SL Cam Switches incorporate two double break silver alloy contacts per stage at 180 degree disposition. The AC Switches are “Quick Make-Slow Break” with in-built latching device feature in cam design. The Cam Switches can be offered for DC applications with additional contacts in series according to the DC switching voltage and with suitable duration and the DC Switches are "Quick Make - Quick Break".

- Contacts

Insulation
- : Double break type AgCdO

: Glass filled polyamide with high tracking index
- Operating temp

Operating frequency

Humidity
- : -15°C to 55°C

: 50 to 60Hz

: 95%, Rh 48 hours

S Series  
Open Version



- Available from 6 to 400Amp
- Open terminals for easy accessibility

TP Series  
Touch Proof



- Available from 6 to 20Amp
- Finger Protection (IP20)

RT Series  
Touch Proof &  
Rear Termination



- Available from 16 to 63Amp
- 'Finger Protected convenient accessibility

| AC Duty Rating |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| Category       | Typical AC Application                                                          |
| AC-1           | Non-Inductive or slightly Inductive Loads, Resistance Furnaces                  |
| AC-3           | Squirrel Cage otors: starting switching off motors during running               |
| AC-15          | Control of AC electromagnetic loads                                             |
| AC-21A         | Switching of resistive loads, including moderate overloads (frequent switching) |
| AC-23-A        | Switching of motor loads or other highly inductive loads (frequent switching)   |

| DC Duty Rating |                                                                 |
|----------------|-----------------------------------------------------------------|
| Category       | Typical DC Application                                          |
| DC-1           | Non-Inductive or slightly Inductive Loads, Resistance Furnaces. |
| DC-22          | Switching of resistive loads, including moderate overloads      |
| DC-13          | Control of DC electromagnets                                    |
| DC-23          | Switching of motor loads or other highly inductive loads        |
| -----          | -----                                                           |

# Rotary Switches

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## Cam Operated Rotary Switches (8536)



### Isolators Switches (ON-OFF Switches)



| 60 <sup>o</sup><br>Operation | 90 <sup>o</sup><br>Operation | 90 <sup>o</sup><br>Operation<br>Complete<br>Rotation | Description     | M.R.P. (₹) Per Unit |                |                |                |                |                |                |                 |                 |
|------------------------------|------------------------------|------------------------------------------------------|-----------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
|                              |                              |                                                      |                 | 6A<br>(SAB13)       | 10A<br>(SBB13) | 16A<br>(SCB03) | 25A<br>(SEB03) | 32A<br>(SFB03) | 40A<br>(SGB03) | 63A<br>(SIB03) | 100A<br>(SKB03) | 200A<br>(SNB03) |
| Cat. No.                     |                              |                                                      |                 |                     |                |                |                |                |                |                |                 |                 |
| 61001                        | 61191                        | 61195                                                | 1 Pole ON - OFF | 165                 | 270            | 370            | 410            | 515            | 665            | 775            | 3940            | 5095            |
| 61002                        | 61192                        | 61198                                                | 2 Pole ON - OFF | 210                 | 305            | 425            | 505            | 600            | 800            | 990            | 4930            | 6640            |
| 61003*                       | -                            | -                                                    | 3 Pole ON - OFF | 225                 | 370            | 765            | 960            | 1065           | 1340           | 1925           | 6680            | 8700            |
| -                            | 61199                        | 61197                                                |                 | 225                 | 370            | 495            | 665            | 745            | 930            | 1335           | 6075            | 8290            |
| 61004                        | 61194                        | 61196                                                | 4 Pole ON - OFF | 280                 | 410            | 535            | 805            | 865            | 1055           | 1595           | 7030            | 9860            |

\* Motor Duty Switch (AC-3 Duty)

Offered upto 12 Pole



### Changeover Switches (Local - Remote / Auto - Manual Switches)



| 60°<br>With Center<br>OFF | 90°<br>With Center<br>OFF | 90°<br>Without OFF<br>with Complete<br>Rotation | Description | M.R.P. (₹) Per Unit |                |                |                |                |                |                |                 |                 |
|---------------------------|---------------------------|-------------------------------------------------|-------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
|                           |                           |                                                 |             | 6A<br>(SAB13)       | 10A<br>(SBB13) | 16A<br>(SCB03) | 25A<br>(SEB03) | 32A<br>(SFB03) | 40A<br>(SGB03) | 63A<br>(SIB03) | 100A<br>(SKB03) | 200A<br>(SNB03) |
|                           |                           |                                                 |             | Cat. No.            |                |                |                |                |                |                |                 |                 |
| 61025                     | 61151                     | 61037                                           | 1 P 2W      | 210                 | 340            | 470            | 515            | 580            | 775            | 1050           | 5095            | 7370            |
| 61026                     | 61152                     | 61038                                           | 2 P 2W      | 280                 | 405            | 535            | 695            | 805            | 1060           | 1595           | 7455            | 11230           |
| 61027                     | 61153                     | 61039                                           | 3 P 2W      | 340                 | 500            | 710            | 1050           | 1135           | 1335           | 2135           | 9660            | 14370           |
| 61028                     | 61154                     | 61040                                           | 4 P 2W      | 425                 | 585            | 820            | 1385           | 1450           | 1610           | 2685           | 12200           | 17940           |



### Phase Changeover (PS Series Switches)

| Cat. No. | Description     | M.R.P. (₹) Per Unit |                |                |                |
|----------|-----------------|---------------------|----------------|----------------|----------------|
|          |                 | 25A<br>(PEB03)      | 32A<br>(PFB03) | 40A<br>(PGB03) | 63A<br>(PIB03) |
| 61060    | 1 P 3W with OFF | 440                 | 540            | 796            | 896            |



### Phase Changeover SS Enclosure

| Cat. No.       | Description                        | M.R.P. (₹) Per Unit |            |            |            |
|----------------|------------------------------------|---------------------|------------|------------|------------|
|                |                                    | 25A<br>(E)          | 32A<br>(F) | 40A<br>(G) | 63A<br>(I) |
| 72347PXM17TDYR | PS Series Switches in SS enclosure | 3557                | 3746       | 5536       | 5670       |

Note: Prices are available on request for higher than 4 Pole ON-OFF version. Please contact nearest E&A branch office for prices.

ROTARY SWITCHES

# Rotary Switches

## Spring Return Switches



### ON - OFF Spring Return Switches



| Description  | Cat. No. | M.R.P. (₹) Per Unit   |
|--------------|----------|-----------------------|
|              |          | <b>16A</b><br>(SCB03) |
| 1 P ON - OFF | 61351    | 800                   |
| 2 P ON - OFF | 61352    | 840                   |
| 3 P ON - OFF | 61353    | 955                   |
| 4 P ON - OFF | 61354    | 1120                  |

### Double Throw with Spring Return Switches



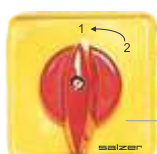
| Description                | Cat. No. | M.R.P. (₹) Per Unit   |
|----------------------------|----------|-----------------------|
|                            |          | <b>16A</b><br>(SCB03) |
| 1 P 2W W/OFF Spring Return | 61361    | 840                   |
| 2 P 2W W/OFF Spring Return | 61362    | 1240                  |
| 3 P 2W W/OFF Spring Return | 61363    | 1350                  |

### One Side Spring Return Switches



| Description                       | Cat. No. | M.R.P. (₹) Per Unit   |
|-----------------------------------|----------|-----------------------|
|                                   |          | <b>16A</b><br>(SCB03) |
| 1 P 3W Spring Return - OFF from 1 | 61364    | 765                   |
| 2 P 3W Spring Return - OFF from 1 | 61365    | 1120                  |
| 3 P 3W Spring Return - OFF from 1 | 61369    | 1230                  |

### Spring Return Switches without OFF



| Description                        | Cat. No. | M.R.P. (₹) Per Unit   |
|------------------------------------|----------|-----------------------|
|                                    |          | <b>16A</b><br>(SCB03) |
| 1 P 2W Spring Return - from 2 to 1 | 61371    | 765                   |
| 2 P 2W Spring Return - from 2 to 1 | 61372    | 1120                  |
| 3 P 2W Spring Return - from 2 to 1 | 61373    | 1230                  |

### Start Stop Spring Return Switches



| Description                  | Cat. No. | M.R.P. (₹) Per Unit   |
|------------------------------|----------|-----------------------|
|                              |          | <b>16A</b><br>(SCB03) |
| 1 P Start Stop Spring Return | 61300    | 955                   |
| 2 P Start Stop Spring Return | 61388    | 1120                  |

# Rotary Switches

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## Multi Step Switches



### Multi Step Switches with OFF



3 Way

| Description | Cat. No. | M.R.P. (₹) Per Unit |                |                |                                       |                |                |                |                 |                 |
|-------------|----------|---------------------|----------------|----------------|---------------------------------------|----------------|----------------|----------------|-----------------|-----------------|
|             |          | 6A<br>(SAB13)       | 10A<br>(SBB13) | 16A<br>(SCB03) | 25A<br>(SEB03)                        | 32A<br>(SFB03) | 40A<br>(SGB03) | 63A<br>(SIB03) | 100A<br>(SKB03) | 200A<br>(SNB03) |
| 1 P 3W      | 61060    | 245                 | 385            | 490            | PS Series Switches (Refer page no. 5) |                |                |                | 5175            | 7865            |
| 2 P 3W      | 61080    | 340                 | 445            | 595            | 830                                   | 890            | 1290           | 1450           | 7610            | 12025           |
| 3 P 3W      | 61100    | 495                 | 600            | 1015           | 1230                                  | 1340           | 1725           | 2240           | 9935            | 15790           |
| 4 P 3W      | 61131    | 630                 | 775            | 1230           | 1540                                  | 1685           | 2305           | 2695           | 12555           | 19800           |



4 Way

|        |       |     |      |      |      |      |      |      |       |       |
|--------|-------|-----|------|------|------|------|------|------|-------|-------|
| 1 P 4W | 61061 | 290 | 350  | 710  | 870  | 965  | 1100 | 1495 | 7280  | ***   |
| 2 P 4W | 61081 | 495 | 640  | 840  | 915  | 1065 | 1575 | 1750 | 12200 | ***   |
| 3 P 4W | 61101 | 685 | 815  | 1330 | 1540 | 1765 | 2010 | 2695 | 18385 | 23745 |
| 4 P 4W | 61132 | 825 | 1200 | 1695 | 1845 | 1970 | 2610 | 3105 | 25800 | 38700 |



5 Way

|        |       |     |      |      |      |      |      |      |       |       |
|--------|-------|-----|------|------|------|------|------|------|-------|-------|
| 1 P 5W | 61062 | 315 | 450  | 755  | 1085 | 1100 | 1135 | 1605 | ***   | 14775 |
| 2 P 5W | 61082 | 570 | 845  | 1090 | 1480 | 1745 | 1795 | 2245 | ***   | ***   |
| 3 P 5W | 61102 | 760 | 1540 | 1895 | 2100 | 2315 | 2595 | 3045 | 24475 | ***   |



6 Way

|        |       |     |     |      |      |      |      |      |     |     |
|--------|-------|-----|-----|------|------|------|------|------|-----|-----|
| 1 P 6W | 61063 | 415 | 560 | 790  | 1095 | 1120 | 1170 | 1785 | *** | *** |
| 2 P 6W | 61083 | 685 | *** | 1160 | 1725 | 2000 | ***  | 3765 | *** | *** |
| 3 P 6W | 61103 | 950 | *** | 2180 | 2475 | 2665 | ***  | 3130 | *** | *** |



7 Way

|        |       |     |     |      |      |      |      |      |     |     |
|--------|-------|-----|-----|------|------|------|------|------|-----|-----|
| 1 P 7W | 61064 | 425 | 630 | 855  | 1100 | 1160 | 1210 | 1875 | *** | *** |
| 2 P 7W | 61084 | 715 | *** | 1130 | 1730 | 1845 | 2565 | 2970 | *** | *** |
| 3 P 7W | 61104 | 990 | *** | 1835 | 2280 | ***  | 3500 | 4125 | *** | *** |



8 Way

|        |       |     |     |      |      |      |      |      |     |     |
|--------|-------|-----|-----|------|------|------|------|------|-----|-----|
| 1 P 8W | 61065 | 480 | 685 | 850  | 1510 | 1690 | 1910 | 3095 | *** | *** |
| 2 P 8W | 61085 | 780 | *** | 1550 | ***  | ***  | ***  | ***  | *** | *** |



9 Way

|        |       |     |     |      |     |     |     |     |     |     |
|--------|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 1 P 9W | 61066 | 495 | *** | ***  | *** | *** | *** | *** | *** | *** |
| 2 P 9W | 61086 | 885 | *** | 2275 | *** | *** | *** | *** | *** | *** |



10 Way

|         |       |     |     |      |      |     |     |     |     |     |
|---------|-------|-----|-----|------|------|-----|-----|-----|-----|-----|
| 1 P 10W | 61067 | 570 | 835 | 1190 | 2585 | *** | *** | *** | *** | *** |
| 2 P 10W | 61087 | 920 | *** | ***  | ***  | *** | *** | *** | *** | *** |



11 Way

|         |       |      |     |      |      |     |     |     |     |     |
|---------|-------|------|-----|------|------|-----|-----|-----|-----|-----|
| 1 P 11W | 61068 | 685  | *** | 1080 | 2825 | *** | *** | *** | *** | *** |
| 2 P 11W | 61088 | 1040 | *** | ***  | ***  | *** | *** | *** | *** | *** |

\*\*\* Prices are available on request.

ROTARY SWITCHES

# Rotary Switches

## Multi Step Switches without OFF



3 Way

| Description    | Cat. No. | M.R.P. (₹) Per Unit |                |                |                |                |                |                |                 |                 |
|----------------|----------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
|                |          | 6A<br>(SAB13)       | 10A<br>(SBB13) | 16A<br>(SCB03) | 25A<br>(SEB03) | 32A<br>(SFB03) | 40A<br>(SGB03) | 63A<br>(SIB03) | 100A<br>(SKB03) | 200A<br>(SNB03) |
| 1 P 3W W/O OFF | 61049    | 230                 | 370            | 500            | 640            | 665            | 1030           | 1165           | ***             | 7980            |
| 2 P 3W W/O OFF | 61069    | 340                 | 555            | 700            | 845            | 1270           | 1290           | 1520           | 7610            | 14370           |
| 3 P 3W W/O OFF | 61089    | 495                 | 685            | 1045           | 1230           | 1340           | 1725           | 2240           | 9935            | 15940           |
| 4 P 3W W/O OFF | 61120    | 630                 | 775            | 1215           | 1565           | 1665           | 3670           | 4055           | ***             | 20665           |



4 Way

|                |       |     |     |      |      |      |      |      |       |       |
|----------------|-------|-----|-----|------|------|------|------|------|-------|-------|
| 1 P 4W W/O OFF | 61050 | 260 | 400 | 600  | 770  | 805  | 1125 | 1560 | 5175  | 8155  |
| 2 P 4W W/O OFF | 61070 | 385 | 605 | 710  | 905  | 1000 | 1345 | 1750 | 8000  | 12920 |
| 3 P 4W W/O OFF | 61090 | 525 | 640 | 1130 | 1450 | 1605 | 1760 | 2355 | 10535 | 17420 |
| 4 P 4W W/O OFF | 61121 | 730 | 840 | 1320 | 1755 | 1865 | 2355 | 3140 | 12945 | 22040 |



5 Way

|                |       |     |      |      |      |      |      |      |      |       |
|----------------|-------|-----|------|------|------|------|------|------|------|-------|
| 1 P 5W W/O OFF | 61051 | 315 | 415  | 655  | 865  | 1065 | ***  | 1605 | 6645 | ***   |
| 2 P 5W W/O OFF | 61071 | 570 | 750  | 910  | 1390 | 1745 | ***  | ***  | ***  | 16370 |
| 3 P 5W W/O OFF | 61091 | 760 | 1540 | 1730 | 1900 | 2085 | 2220 | 3130 | ***  | 20815 |



6 Way

|                |       |     |      |      |      |      |      |      |       |       |
|----------------|-------|-----|------|------|------|------|------|------|-------|-------|
| 1 P 6W W/O OFF | 61052 | 330 | 675  | 815  | 965  | 1100 | 1300 | 1645 | 7610  | 14905 |
| 2 P 6W W/O OFF | 61072 | 670 | 795  | 1095 | 1720 | 1770 | 1795 | 2295 | 15170 | 19500 |
| 3 P 6W W/O OFF | 61092 | 810 | 1450 | 1860 | 2055 | 2130 | 2345 | 3130 | 25800 | 40785 |



7 Way

|                |       |     |     |      |      |     |     |      |       |     |
|----------------|-------|-----|-----|------|------|-----|-----|------|-------|-----|
| 1 P 7W W/O OFF | 61053 | 415 | 630 | 740  | 1140 | *** | *** | ***  | 13415 | *** |
| 2 P 7W W/O OFF | 61073 | 715 | *** | 1230 | 1755 | *** | *** | 3495 | ***   | *** |
| 3 P 7W W/O OFF | 61093 | 990 | *** | 2030 | 2660 | *** | *** | 4215 | ***   | *** |



8 Way

|                |       |      |      |      |      |      |      |      |       |     |
|----------------|-------|------|------|------|------|------|------|------|-------|-----|
| 1 P 8W W/O OFF | 61054 | 425  | 745  | 920  | 1160 | 1220 | 1350 | 1980 | 12745 | *** |
| 2 P 8W W/O OFF | 61074 | 755  | 1185 | 1550 | 1830 | 1980 | ***  | 3835 | ***   | *** |
| 3 P 8W W/O OFF | 61094 | 1060 | ***  | 2215 | 2390 | 2440 | 2800 | 4425 | ***   | *** |



9 Way

|                |       |     |     |      |     |     |     |     |     |     |
|----------------|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 1 P 9W W/O OFF | 61055 | 495 | *** | 1470 | *** | *** | *** | *** | *** | *** |
| 2 P 9W W/O OFF | 61075 | 835 | *** | 1540 | *** | *** | *** | *** | *** | *** |



10 Way

|                 |       |     |     |      |     |     |     |     |     |     |
|-----------------|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 1 P 10W W/O OFF | 61056 | 530 | 800 | 1630 | *** | *** | *** | *** | *** | *** |
| 2 P 10W W/O OFF | 61076 | 930 | *** | ***  | *** | *** | *** | *** | *** | *** |



11 Way

|                 |       |      |     |     |     |     |     |     |     |     |
|-----------------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 P 11W W/O OFF | 61057 | 980  | *** | *** | *** | *** | *** | *** | *** | *** |
| 2 P 11W W/O OFF | 61077 | 1115 | *** | *** | *** | *** | *** | *** | *** | *** |

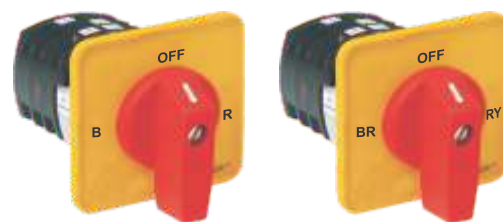


12 Way

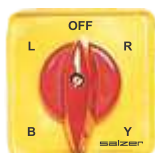
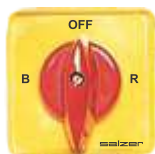
|                 |       |      |     |      |      |      |     |      |     |     |
|-----------------|-------|------|-----|------|------|------|-----|------|-----|-----|
| 1 P 12W W/O OFF | 61058 | 1035 | *** | 1215 | 2920 | 3110 | *** | 3925 | *** | *** |
| 2 P 12W W/O OFF | 61078 | 1215 | *** | 3625 | ***  | ***  | *** | ***  | *** | *** |

\*\*\* Prices are available on request.

## Instrumentation Selector Switches

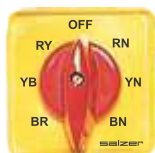
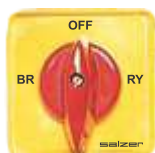


### Ammeter Selector Switches (ASS)



| Description                         | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|-------------------------------------|-----------------|------|---------------------|
| Line Currents with OFF with CT      | 61325 SAB13TDYR | 6A   | 340                 |
| Line Currents with OFF with CT      | 61325 SBB13TDYR | 10A  | 360                 |
| Line Currents with OFF with CT      | 61325 SCB03TDYR | 16A  | 530                 |
| Line Currents with OFF without CT   | 71000 SCB03TDYR | 16A  | 1515                |
| Direct Currents with OFF without CT | 71000 SEB03TDYR | 25A  | 1760                |
| Direct Currents with OFF without CT | 71000 SFB03TDYR | 32A  | 2115                |
| Direct Currents with OFF without CT | 71000 SGB03TDYR | 40A  | 3725                |
| Direct Currents with OFF without CT | 71000 SIB03TDYR | 63A  | 3930                |

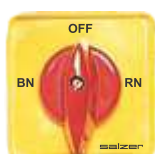
### Voltmeter Selector Switches (VSS)



| Description                     | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|---------------------------------|-----------------|------|---------------------|
| Voltage between Phases with OFF | 61312 SAB13TDYR | 6A   | 250                 |
| Voltage between Phases with OFF | 61312 SBB13TDYR | 10A  | 330                 |
| Voltage between Phases with OFF | 61312 SCB03TDYR | 16A  | 475                 |

| Description                                                    | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|----------------------------------------------------------------|-----------------|------|---------------------|
| Voltage between Phases & Individual Phases to Neutral with OFF | 61313 SAB13TDYR | 6A   | 445                 |
| Voltage between Phases & Individual Phases to Neutral with OFF | 61313 SBB13TDYR | 10A  | 640                 |
| Voltage between Phases & Individual Phases to Neutral with OFF | 61313 SCB03TDYR | 16A  | 895                 |

| Description                                          | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|------------------------------------------------------|-----------------|------|---------------------|
| Voltage between Phase & Phase to Neutral without OFF | 61314 SBB13TDYR | 10A  | 635                 |



| Description                                           | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|-------------------------------------------------------|-----------------|------|---------------------|
| Voltage between Phases & Phase to Neutral without OFF | 61311 SAB13TDYR | 6A   | 445                 |

### Ammeter & Voltmeter Combined Switch



| Description                                               | Cat. No.        | Amps | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------|-----------------|------|---------------------|
| Voltage between Phases to Neutral & Current of that Phase | 61338 SBB13TDYR | 10A  | 675                 |

# Rotary Switches

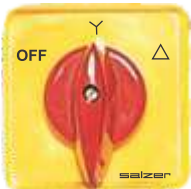
## Motor Control Switches



61003



61211



61200



61217



61212

| Description                        | Cat. No. | M.R.P. (₹) Per Unit |                |                |                |                |                 |                 |
|------------------------------------|----------|---------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
|                                    |          | 16A<br>(SCB03)      | 25A<br>(SEB03) | 32A<br>(SFB03) | 40A<br>(SGB03) | 63A<br>(SIB03) | 100A<br>(SKB03) | 200A<br>(SNB03) |
| ON - OFF Switch                    | 61003    | 765                 | 960            | 1065           | 1340           | 1925           | 6680            | 8700            |
| FOR - OFF - REV Switch             | 61211    | 575                 | 710            | 845            | 2210           | 2695           | 6655            | 10730           |
| Star - Delta Switch                | 61200    | 765                 | 1010           | 1265           | 1940           | 2485           | ***             | ***             |
| 2 Speed for FOR - OFF - REV Switch | 61217    | ***                 | 1825#          | ***            | 3140           | ***            | ***             | ***             |
| 2 Speed forward Switch             | 61212    | 840                 | 1660           | 2080           | 2620           | 3220           | 8325            | 9615            |

# Supplied only with ball grip handle

## Switches in Enclosure



73393, 71913



72244



| Description                                 | Cat. No.       | Amps | M.R.P. (₹)Per Unit |
|---------------------------------------------|----------------|------|--------------------|
| FOR - OFF - Rev in SS with ball grip handle | 73393SCM17BGXB | 16A  | 765                |
| FOR - OFF - Rev in SS with ball grip handle | 71913SEM17BGYR | 25A  | 1165               |
| FOR - OFF - Rev in SS with ball grip handle | 71913SFM17BGYR | 32A  | 1605               |
| 3 Pole ON - OFF in SS                       | 72244SEM17TDYR | 25A  | 1015               |
| 3 Pole ON - OFF in SS                       | 72244SFM17TDYR | 32A  | 1385               |
| 3 Pole 2Way Without OFF in SS               | 61153SCM17TDYR | 16A  | 1180               |

For any other rating requirement please contact nearest L&T branch office



Control your breaker remotely through TNC switch

Breaker Control Switches (Trip-Neutral-Close)

- 1NO+1NC, 2NO+2NC model available in 25A
- Barrel lock option available
- Lost motion contact (LMD) & Sequence Locking available

Breaker Control Switches (Trip - Neutral - Close)



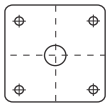
| Rating | Contact Arrangement | Mounting Type | Cat. No.       | M.R.P. (₹) Per Unit |
|--------|---------------------|---------------|----------------|---------------------|
| 25A    | 1NO + 1NC           | Standard      | 73257SEB03PGBB | 1290                |
| 25A    | 1NO + 1NC           | Standard      | 73257SEB03PGYR | 1290                |
| 25A    | 1NO + 1NC           | Standard      | 73257SEB03PGBB | 1290                |
| 25A    | 1NO + 1NC           | Barrel Lock   | 73257SEB90PGBB | 1820                |
| 25A    | 2NO + 2NC           | Standard      | 72009SEB03PGYR | 1515                |
| 25A    | 2NO + 2NC           | Standard      | 72009SEB03PGBB | 1515                |
| 25A    | 2NO + 2NC           | Standard      | 72009SEB03PGBB | 1515                |
| 25A    | 2NO + 2NC           | Barrel Lock   | 72009SEB90PGBB | 2230                |

Other option such as sequence inter lock (SIL) & lost motion device (LMD) available on request.

# Rotary Switches

## Accessories (8538)

### Front Plate Assembly



| Description                | Cat. No.  | Size    | M.R.P. (₹) Per Unit |
|----------------------------|-----------|---------|---------------------|
| Front Plate for 6 to 16A   | FP16SQ48  | 48 x 48 | 35                  |
| Front Plate for 25 & 32A   | FP32SQ64  | 64 x 64 | 75                  |
| Front Plate for 40 to 200A | FP200SQ88 | 88 x 88 | 110                 |

### Knobs & Handles



Tear Drop



Flag Handle



Ball Grip



Lever Handle

| Description                | Cat. No. | Size               | M.R.P. (₹) Per Unit |
|----------------------------|----------|--------------------|---------------------|
| Flag Handle for 16A        | KNFHS2   | 48 x 48, 48 x 60   | 20                  |
| Flag Handle for 25 - 32A   | KNFHS3   | 64 x 64, 64 x 80   | 35                  |
| Tear Drop for 6 - 16A      | KNTDS1   | 48 x 48, 48 x 60   | 20                  |
| Tear Drop for 16 - 32A     | KNTDS2   | 64 x 64, 64 x 80   | 35                  |
| Tear Drop for 40 - 400A    | KNTDS3   | 88 x 88, 104 x 104 | 80                  |
| Ball Handle for 16 - 32A   | HNBS1    | 64 x 64, 64 x 80   | 100                 |
| Ball Handle for 40 - 63A   | HNBS2    | 88 x 88, 104 x 104 | 110                 |
| PG Handle for 16 - 32A     | HNPGS1   | 64 x 64, 64 x 80   | 120                 |
| Lever Handle for 40 - 200A | HNLVS1   | 88 x 88, 104 x 104 | 155                 |



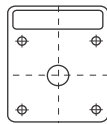
B31 ABS Enclosure

### Wall Type Mounting Boxes (upto 32A - maximum 4 Contacts)

| Description                                                                              | Cat. No. | M.R.P. (₹) Per Unit |
|------------------------------------------------------------------------------------------|----------|---------------------|
| Plastic / Polycarbonate Enclosure B17 16A upto 3 Stage / 25A / 32A upto 2 Stage (SM Box) | WMBABSS  | 760                 |
| Aluminium Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage                              | WMBAL    | 1255                |
| SS Enclosure M17 16A - 32A upto 4 Stage                                                  | WMBSS    | 470                 |

Note: Switches to be ordered separately.

### Special Front Plate Assembly



| Description                 | Cat. No. | Size    | M.R.P. (₹) Per Unit |
|-----------------------------|----------|---------|---------------------|
| SPL IND Plates upto 16A     | FPRT4860 | 48 x 60 | 75                  |
| SPL IND Plates for 16 - 32A | FPRT6480 | 64 x 80 | 120                 |

### Script Plate (marking plate)

| Description                | Cat. No. | Size    | M.R.P. (₹) Per Unit |
|----------------------------|----------|---------|---------------------|
| Script Plate for 6 - 16A   | SPSQ48   | 48 x 48 | 20                  |
| Script Plate for 16 - 32A  | SPSQ64   | 64 x 64 | 25                  |
| Script Plate for 40 - 200A | SPSQ88   | 88 x 88 | 30                  |
| Script Plate for 6 - 16A   | SPRT4816 | 48 x 16 | 10                  |
| Script Plate for 6 - 32A   | SPRT6416 | 64 x 16 | 15                  |

### Mounting Plates (used for Back Fixing Plate)

| Description                  | Cat. No. | Size      | M.R.P. (₹) Per Unit |
|------------------------------|----------|-----------|---------------------|
| Rear MTG Plate for 6 - 16A   | MPSQ48   | 48 x 48   | 15                  |
| Rear MTG Plate for 25 - 32A  | MPSQ64   | 64 x 64   | 25                  |
| Rear MTG Plate for 40 - 63A  | MPSQ88   | 88 x 88   | 70                  |
| Rear MTG Plate for 80 - 400A | MPSQ104  | 104 x 104 | 120                 |
| DIN Rail Attachment upto 32A | B21DIN35 | -         | 110                 |

### Shrouding Cover (Maximum 6 Contacts Round Type)

| Description                                                                | Cat. No. | M.R.P. (₹) Per Unit |
|----------------------------------------------------------------------------|----------|---------------------|
| Shrouding Cover for 6 - 10A                                                | SHCS1    | 80                  |
| Shrouding Cover for 16A                                                    | SHCS2    | 80                  |
| Shrouding Cover for 25 - 32A                                               | SHCS3    | 115                 |
| Shrouding Cover for 40 - 63A                                               | SHCS4    | 120                 |
| Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage) | SHCS5    | 915                 |

Ordering Code for Rotary Switches

Example for :

1. Programme Code

2. Type

3. Ampere

4. Mounting

5. Knob

6. Colour

25A 3 Pole

ON - OFF Switch

6

1

1

9

7

S

E

B

0

3

T

D

Y

R

1. Programme Code

| Programme                      | Programme Code |
|--------------------------------|----------------|
| Isolators                      | Pg 1           |
| Changeovers Switches           | Pg 1           |
| Spring Return Switches         | Pg 2           |
| Multistep Switches with OFF    | Pg 3           |
| Multistep Switches without OFF | Pg 4           |
| Instrumentation Switches       | Pg 5           |
| Motor Control Switches         | Pg 6           |
| Switches in SS Enclosure       | Pg 6           |
| Breaker Control Switches       | Pg 6           |

2. Type Selection

| Type                                                      | Code |
|-----------------------------------------------------------|------|
| S-Series (6 to 400A)                                      | S    |
| Touch Proof (6 to 16A)                                    | T    |
| Rear Access Termination (16 to 63A)                       | R    |
| Phase Selector Only for 1 Pole 3 Way with OFF (25 to 63A) | P    |
| DC Switches (16 to 500A)                                  | D    |



S Series  
Open Version



TP Series  
Touch Proof



Touch Proof & RT Series  
Rear Termination

3. Ampere Selection

| Ampere | Code | Ampere | Code |
|--------|------|--------|------|
| 6      | A    | 100    | K    |
| 10     | B    | 125    | L    |
| 16     | C    | 160    | M    |
| 20     | D    | 200    | N    |
| 25     | E    | 250    | O    |
| 32     | F    | 300    | P    |
| 40     | G    | 400    | Q    |
| 50     | H    | 500    | R    |
| 63     | I    | 600    | S    |
| 80     | J    | 800    | T    |

4. Mounting Style



**B03 - Standard front panel**

**IP55 Protection from Front**

Features:

- Standard 4 hole front panel mounting Knob/Handle operatable
- Suitable for all switching angles and spring return switches
- Front assembly in 4 different colors, Yellow/Red, Grey/Black, Black/Black and aluminum finish



**B33 - Round Pad Lock**

**IP55 Protection from Front**

Features:

- Four hole round padlockable mounting
- Secure with max. 3 padlocks in OFF position Prevents operational access to unauthorised personnel
- Suitable for switches only with 90° switching angle
- Available in Yellow/Red only



**B03/B90 - Center Key Lock**

**IP55 Protection from Front**

Features:

- Square Latching Mechanism
- Standard 4 hole front panel mounting pistol grip handle operatable
- Suitable for 45°/60° only



**B63 - Key Lockable**

**IP40 Protection from Front**

Features:

- Knob/Handle operatable switch With key lockable assembly prevents switching by unauthorised personnel
- Key lock/Key removable only in OFF position by default key lockable and removable in any other position to be specified
- Lock assembly can also be provided on any side



**B17- Enclosure**

**IP55**

Features:

- Switch Mounted in ABS enclosure
- Provides protection from dust and hazardous material with regular Front Plate and Knob
- Suitable for all switching angles Knob/Handle operatable
- IP65 can be given on request



**B02 - Back Mounting**

Features:

- Four hole base mounted on rear side of the panel
- Knob/Handle operatable

# Rotary Switches

## Mounting Feasibility

| Mounting Code | Description                                                                               | Feasibility |        |        |        |             |          |
|---------------|-------------------------------------------------------------------------------------------|-------------|--------|--------|--------|-------------|----------|
|               |                                                                                           | 6/10A       | 16/20A | 25/32A | 40/63A | 80/100/125A | 200/400A |
| B03           | Front Mounting, Standard Mounting plate                                                   |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B13           | Front Mounting with next size plate                                                       | ✓           | ✓      | ✓      | ✓      | ✓           | ✓        |
| B00           | Front Mounting 48 x 48 plate for 25/32 A and 64 x 64 plate for 40/63A                     |             |        | ✓      | ✓      |             |          |
| B19           | Single Hole Mounting 32 x 32 plate for 6/10A only 48 x 48 Plate for 16-32A                | ✓           | ✓      | ✓      |        |             |          |
| B14           | Single Hole Mounting 48 x 48 plate for 6/10A                                              | ✓           |        |        |        |             |          |
| B33           | Front Mounting with Round Padlock for 2 Position (for Isolators)                          |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B30           | Front Mounting with Rectangular Padlock 2 Position (for Isolators)                        |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B63           | Key Lockable type (Handle/Knob)                                                           |             | ✓      | ✓      | ✓      |             |          |
| B90           | Center Key Lock (Pistol grip Handle in black color only)                                  |             | ✓      | ✓      |        |             |          |
| B02           | Rear / (Back/Base) Mounting                                                               | ✓           | ✓      | ✓      | ✓      | ✓           | ✓        |
| B21           | DIN Rail Mounting on 35 mm Rail 6-32 Amps                                                 | ✓           | ✓      | ✓      |        |             |          |
| B32           | Rear / Base Mounting, Door Interlock + Rectangular Padlock (B30+B42)                      |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B34           | Rear / Base Mounting, Door Interlock + Round Padlock (B33+B42)                            |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B41           | Rear Mounting with Clutch Mechanism on Door (Door Open in all position without Interlock) |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B42           | Rear Mounting with Interlock Mechanism on Door                                            |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| F47           | Door Clutch, Mounting Plate at front                                                      |             | ✓      | ✓      | ✓      | ✓           | ✓        |
| B17           | Polycarbonate Enclosure Max stages                                                        | upto 4      | upto 4 | upto 4 | upto 2 |             |          |
| B31           | Polycarbonate Enclosure with Round Padlock (B33+B17) Max stages                           |             | upto 2 | upto 2 | upto 2 |             |          |
| M17           | Metal Enclosure Max stages                                                                |             | upto 4 | upto 4 |        |             | ✓        |
| A17           | Aluminium Enclosure                                                                       |             | upto 3 | upto 2 |        |             |          |
| B40           | Single Hole Mounting with Padlock 48 x 48 Plate For 16-32A Max stages                     |             | ✓      | ✓      |        |             |          |
| B43           | Single Hole Mounting with Center key 48 x 48 Plate for 16-32A                             |             | ✓      | ✓      |        |             |          |
| B45           | Single Hole Mounting with Round Ring with Knob 16A-32A                                    |             | ✓      | ✓      |        |             |          |

### 5. Knob / Handle Selection

Code - TD



Tear Drop

Code - FH



Flag Knob

Code - PG



Pistol Grip

Code - BG



Ball Grip

Code - LV



Lever Handle

### 6. Color Combination Selection Table

Code - YR



Yellow Front Plate  
Red Knob

Code - GB



Grey Front Plate  
Black Knob

Code - BB



Black Front Plate  
Black Knob

Code - AB



Aluminum Foil with  
Black Knob

### Front Plate

| Standard Style               | Frame Size                                                                            | Bigger Style           |
|------------------------------|---------------------------------------------------------------------------------------|------------------------|
| Current Ratings<br>6/10 Amps |  | Current Ratings<br>--- |
| 16/20 Amps                   |  | 6/10 Amps              |
| 25/32 Amps                   |  | 16/20 Amps             |
| S40 Amps & above             |  | 25/32 Amps             |
| —                            |  | S40 Amps & above       |

Note: 1. For ratings of 6/10A, standard mounting style is B13  
2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

## AC ON LOAD ISOLATORS (8536)

- AC23 Utilization Category
- **Range from 16-125 Amps upto 8 pole**
- Multiple mounting options, ABS/ Aluminium/ sheet steel enclosures / IP65 / NEMA Rated
- Add on pole Power / Neutral and Auxiliary pole
- **Changover switches from 25-125 Amps upto 4 poles**  
Confirms to IEC 60947-1 & 3, EN 60947- 3, UL60947-4-1

## LB 3 Pole ON - OFF Switches

| Description                                                   | Cat. No.          | Can also be given on request | M.R.P. (₹) Per Unit |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------|-------------------|------------------------------|---------------------|------|------|------|------|------|------|------|------|
|                                                               |                   |                              | 16A                 | 20A  | 25A  | 32A  | 40A  | 63A  | 80A  | 100A | 125A |
| Single Hole MTG Switch with Flag Knob                         | LBX32300B19FPYR   |                              | 893                 | 911  | *    | *    | *    | *    | *    | *    | *    |
| Front Panel MTG with Flag Knob                                | LBX32300B40FPYR   |                              | 868                 | 893  | *    | *    | *    | *    | *    | *    | *    |
| Front Panel MTG with B03 (48x48) Plate                        | LBX32300B03FLYR   | 32309                        | 794                 | 813  | 880  | 911  | 1047 | 1123 | *    | *    | *    |
| Front Panel MTG with B13 (64x64) Plate with Flag Knob         | LBX32300B13FLYR   | 32306 / 32309                | 794                 | 813  | 880  | 911  | 1047 | 1123 | 2839 | 3562 | 4474 |
| Front Panel MTG with B13 (64x64) Plate with BG Handle         | LBX32300B13BGYR   | 32309                        | *                   | *    | 968  | 1001 | 1133 | 1197 | *    | *    | *    |
| DIN Rail MTG Switch with Flag Knob                            | LBX32300B23FLGB   |                              | *                   | *    | 880  | 911  | 1047 | 1123 | *    | *    | *    |
| Rectangular Pad Lock Switch with TDYR                         | LBX32300B30TDYR   |                              | *                   | *    | 1065 | 1123 | 1232 | 1296 | *    | *    | *    |
| Round Pad Lock Switch with RDYR                               | LBX32309B33RDYR   |                              | 868                 | 892  | 968  | 1001 | 1133 | 1197 | 3078 | 3842 | 4801 |
| Switch with B63 Lock & Key Version                            | LBX32309B63TDYR   |                              | *                   | *    | 1472 | 1539 | 1667 | 1712 | *    | *    | *    |
| Base MTG Switch with DIL and Pad Lock                         | LBX32309MB34RDYR  |                              | 1386                | 1429 | 1539 | 1624 | 1691 | 1820 | 4101 | 5120 | 6401 |
| Base MTG Switch with BG Handle                                | LBX32309MB42BGYR  |                              | 1386                | 1429 | 1539 | 1624 | 1691 | 1820 | 4101 | 5120 | 6401 |
| Switch in Polycarbonate Enclosure - in B31SM                  | LBX32300B31SMRDYR |                              | 1759                | 1812 | 1957 | 2007 | *    | *    | *    | *    | *    |
| Switch in Polycarbonate Enclosure - in B31M                   | LBX32309B31MRDYR  |                              | *                   | *    | *    | *    | 2195 | 2251 | *    | *    | *    |
| Switch in Polycarbonate Enclosure - in B31L with Leech Handle | LBX32309B31LLHYR  |                              | *                   | *    | *    | *    | *    | *    | 5776 | 6807 | 8078 |
| Switch in SS Enclosure - in SB31L with Leech Handle           | LBX32309SB31LLHYR |                              | *                   | *    | *    | *    | *    | *    | 5776 | 6807 | 8078 |

## LB 4 Pole ON - OFF Switches

| Description                                                   | Cat. No.          | Can also be given on request | M.R.P. (₹) Per Unit |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------|-------------------|------------------------------|---------------------|------|------|------|------|------|------|------|------|
|                                                               |                   |                              | 16A                 | 20A  | 25A  | 32A  | 40A  | 63A  | 80A  | 100A | 125A |
| Single Hole MTG Switch with Flag Knob                         | LBX32400B19FPYR   |                              | 1109                | 1133 | *    | *    | *    | *    | *    | *    | *    |
| Front Plate MTG with Flag Knob                                | LBX32400B40FPYR   |                              | 1090                | 1109 | *    | *    | *    | *    | *    | *    | *    |
| Front Panel MTG with B03 (48x48) Plate                        | LBX32400B03FLYR   | 32409                        | 1012                | 1034 | 1124 | 1155 | 1352 | 1429 | *    | *    | *    |
| Front Panel MTG with B13 (64x64) Plate with Flag Knob         | LBX32400B13FLYR   | 32406 / 32409                | 1012                | 1034 | 1124 | 1155 | 1352 | 1429 | 3485 | 4373 | 5480 |
| Front Panel MTG with B13 (64x64) Plate with BG Handle         | LBX32400B13BGYR   | 32409                        | 1211                | 1243 | 1440 | 1506 | *    | *    | *    | *    | *    |
| DIN Rail MTG Switch with Flag Knob                            | LBX32400B23FLGB   |                              | *                   | *    | 1124 | 1155 | 1352 | 1429 | *    | *    | *    |
| Rectangular Pad Lock Switch with TDYR                         | LBX32400B30TDYR   |                              | *                   | *    | 1306 | 1362 | 1535 | 1604 | *    | *    | *    |
| Round Pad Lock Switch with RDYR                               | LBX32409B33RDYR   |                              | 1090                | 1109 | 1211 | 1243 | 1440 | 1506 | 3562 | 4447 | 5560 |
| Switch with B63 Lock & Key Version                            | LBX32409B63TDYR   |                              | *                   | *    | 1712 | 1780 | 1973 | 2019 | *    | *    | *    |
| Base MTG Switch with DIL and Pad Lock                         | LBX32409MB34RDYR  |                              | 1604                | 1647 | 1780 | 1864 | 2000 | 2130 | 4749 | 5929 | 7409 |
| Base MTG Switch with BG Handle                                | LBX32409MB42BGYR  |                              | 1604                | 1647 | 1780 | 1864 | 2000 | 2130 | 4749 | 5929 | 7409 |
| Switch in Polycarbonate Enclosure - in B31SM                  | LBX32400B31SMRDYR |                              | 1973                | 2032 | 2195 | 2249 | *    | *    | *    | *    | *    |
| Switch in Polycarbonate Enclosure - in B31M                   | LBX32409B31MRDYR  |                              | *                   | *    | *    | *    | 2500 | 2556 | *    | *    | *    |
| Switch in Polycarbonate Enclosure - in B31L with Leech Handle | LBX32409B31LLHYR  |                              | *                   | *    | *    | *    | *    | *    | 6425 | 7616 | 9088 |
| Switch in SS Enclosure - in SB31L with Leech Handle           | LBX32409SB31LLHYR |                              | *                   | *    | *    | *    | *    | *    | 6425 | 7616 | 9088 |
| Auxiliary Contact                                             | FM / RM           |                              | 223                 | 223  | 275  | 275  | 275  | 275  | 813  | 813  | 813  |
| Add-on Contact Additional Pole                                | FM / RM           |                              | 223                 | 223  | 275  | 275  | 275  | 275  | 813  | 813  | 813  |

# Mounting Details



LOAD BREAK SWITCHES

## KNOBS & HANDLES

|  | CODE | TYPE                  |  | CODE | TYPE                      |
|--|------|-----------------------|--|------|---------------------------|
|  | TD   | Tear Drop Knob        |  | RD   | Round Knob, Padlockable   |
|  | FL   | Flag Knob             |  | RH   | Roll Handle, Padlockable  |
|  | FP   | Flag Knob Padlockable |  | SH   | Short Handle, Padlockable |
|  | PG   | Pistol Grip Handle    |  | LH   | Leech Handle, Padlockable |
|  | BG   | Ball Grip Handle      |  |      |                           |

## EB - GEN Changeover Switches (8536)



B13 Mounting



MB42 Mounting



SB31 Enclosure

### 3 Pole EB - GEN Changeover Switches

| Description                           | Cat. No.           | M.R.P. (₹) Per Unit |      |      |      |      |       |       |  |
|---------------------------------------|--------------------|---------------------|------|------|------|------|-------|-------|--|
|                                       |                    | 25A                 | 32A  | 40A  | 63A  | 80A  | 100A  | 125A  |  |
| 3 Pole C/O Front Panel Mounting       | EBX31153B13BGYR    | 2601                | 2709 | 3160 | 3288 | *    | *     | *     |  |
| 3 Pole C/O Rear Mounting              | EBX31153MB42BGYR   | 3018                | 3127 | 3640 | 3754 | 6709 | 8394  | 10485 |  |
| 3 Pole C/O in SS Enclosure            | EBX31153SB31BGYR   | 3608                | 3706 | 4290 | 4417 | *    | *     | *     |  |
| 3 Pole C/O Rear Mounting              | EBX31153B21BGYR    | 3018                | 3127 | 3640 | 3754 | 6709 | 8394  | 10485 |  |
| 3 Pole C/O Rear Mounting              | EBX31153MB34LHYR   | 3018                | 3127 | 3640 | 3754 | 6709 | 8394  | 10485 |  |
| 3 Pole C/O in Polycarbonate Enclosure | EBX31153B31LBGYR   | 3608                | 3706 | 4290 | 4417 | *    | *     | *     |  |
| 3 Pole C/O in SS Enclosure            | EBX31153SB31XLLHYR | *                   | *    | *    | *    | 9481 | 11154 | 13245 |  |

### 4 Pole EB - GEN Changeover Switches

| Description                           | Cat. No.           | M.R.P. (₹) Per Unit |      |      |      |       |       |       |  |
|---------------------------------------|--------------------|---------------------|------|------|------|-------|-------|-------|--|
|                                       |                    | 25A                 | 32A  | 40A  | 63A  | 80A   | 100A  | 125A  |  |
| 4 Pole C/O Front Panel Mounting       | EBX31154B13BGYR    | 3018                | 3127 | 3706 | 3814 | *     | *     | *     |  |
| 4 Pole C/O Rear Mounting              | EBX31154MB42BGYR   | 3399                | 3530 | 4168 | 4356 | 8461  | 10587 | 13225 |  |
| 4 Pole C/O in SS Enclosure            | EBX31154SB31BGYR   | 4023                | 4179 | 4847 | 5019 | *     | *     | *     |  |
| 4 Pole C/O Rear Mounting              | EBX31154B21BGYR    | 3399                | 3530 | 4168 | 4339 | 8461  | 10587 | 13225 |  |
| 4 Pole C/O Rear Mounting              | EBX31154MB34LHYR   | 3399                | 3530 | 4168 | 4339 | 8461  | 10587 | 13225 |  |
| 4 Pole C/O in Polycarbonate Enclosure | EBX31154B31LBGYR   | 4023                | 4179 | 4847 | 5019 | *     | *     | *     |  |
| 4 Pole C/O in SS Enclosure            | EBX31154SB31XLLHYR | *                   | *    | *    | *    | 11232 | 13343 | 15997 |  |

## Ordering Code for Load Break and Changeover Switches

|                         |                         |                     |                         |                           |                    |              |
|-------------------------|-------------------------|---------------------|-------------------------|---------------------------|--------------------|--------------|
| LB<br>Load Break Switch | EB<br>Changeover Switch | X<br>Current Rating | XXXXX<br>Programme Code | XXXXX<br>Mounting Options | XX<br>Knob Options | XX<br>Colour |
|-------------------------|-------------------------|---------------------|-------------------------|---------------------------|--------------------|--------------|

### Example

LB Switches, 63A, 3P, 9 O'clock, 4 hole front mounting, with metal shaft, yellow front plate, red round knob

LB I 32309 MB34 RDYR

| LB | I | 32309 | MB34 | RD | YR | Description                                            |
|----|---|-------|------|----|----|--------------------------------------------------------|
|    |   |       |      |    |    | Yellow Front Plate/Red Knob                            |
|    |   |       |      |    |    | 64 x 64 Front Plate Round Knob with Padlock (R)        |
|    |   |       |      |    |    | Metal Shaft with Round Knob with Padlock and Interlock |
|    |   |       |      |    |    | 3Pole 9 O' Clock "OFF"                                 |
|    |   |       |      |    |    | 63A                                                    |
|    |   |       |      |    |    | Load Break Switch                                      |

### Accessories

|                       |                      |                                                                                                  |
|-----------------------|----------------------|--------------------------------------------------------------------------------------------------|
| X<br>F-Front Mounting | XX<br>MC-Main Module | X<br>20 - 16A to 20A<br>32 - 25A to 32A<br>63 - 40A to 63A<br>80 - 80A<br>125 - 100A, 125A & 80A |
| R-Rear Mounting       | NC-Neutral Module    |                                                                                                  |
|                       | AC-Auxiliary Module  |                                                                                                  |

| R | NC | 32 | Description    |
|---|----|----|----------------|
|   |    |    | 32A            |
|   |    |    | Neutral Module |
|   |    |    | Rear Mounting  |

### Rating Selection Table

| Ampere (A) | 16 | 20 | 25 | 32 | 40 | 63 | 80 | 100 | 125 |
|------------|----|----|----|----|----|----|----|-----|-----|
| Code (X)   | C  | D  | E  | F  | G  | I  | J  | K   | L   |

Note : SB31 Enclosure for 25A to 63A ratings, SB31XL Enclosure for 80A to 125A ratings B21 Mounting model is similar to B13 model with links provided on the common side.

\*Note : Not able to offer

# DC Isolators & Changeover (8536)

## DC ISOLATORS



B23 Mounting



B31SMX



B23DB Mounting

## AC/DC CHANGEOVER



B21 Mounting



MB34 Mounting

- DC Isolator
- Range 20A to 63A upto 1500 VDC
- Mounting Options: Standard Front Mounting, DB Mounting, Door interlock & Enclosure Mountings

- AC/DC Changeover
- Range 20A to 40A upto 1500 VDC
- Mounting Options: Standard Front Mounting, Door Interlock & Enclosure Mountings available

| Description                                      | Cat. No.                   | AMPS Rating            | M.R.P. (₹)<br>Per Unit |
|--------------------------------------------------|----------------------------|------------------------|------------------------|
|                                                  |                            | DC21B (Amps)           |                        |
|                                                  | 4 POLE ISOLATOR            | AMPS Rating @ 1000V DC |                        |
| B13 Front MTG with Flag Knob                     | DC LB216 30409 B13 FLGB    | 20                     | 2488                   |
|                                                  | DC LB225 30409 B13 FLGB    | 25                     | 2828                   |
|                                                  | DC LB232 30409 B13 FLGB    | 40                     | 3007                   |
| B33 Front MTG with Round Knob, Pad Lock          | DC LB216 30409 B33 RDGB    | 20                     | 2668                   |
|                                                  | DC LB225 30409 B33 RDGB    | 25                     | 3007                   |
|                                                  | DC LB232 30409 B33 RDGB    | 40                     | 3182                   |
| B23 DIN Rail MTG with Flag Knob                  | DC LB216 30409 B23 FLGB    | 20                     | 2488                   |
|                                                  | DC LB225 30409 B23 FLGB    | 25                     | 2828                   |
|                                                  | DC LB232 30409 B23 FLGB    | 40                     | 3007                   |
| B23P DIN Rail MTG with Flag Knob, DB Mounting    | DC LB216 30409 B23P FLBB   | 16                     | 2577                   |
|                                                  | DC LB225 30409 B23P FLBB   | 25                     | 2917                   |
|                                                  | DC LB232 30409 B23P FLBB   | 40                     | 3093                   |
|                                                  | DC LB216 30409 B23DBP FLBB | 16                     | 2551                   |
|                                                  | DC LB225 30409 B23DBP FLBB | 25                     | 2886                   |
|                                                  | DC LB232 30409 B23DBP FLBB | 40                     | 3067                   |
| MB34 Base MTG with DIL and Pad Lock              | DC LB216 30409 MB34 RDGB   | 16                     | 2668                   |
|                                                  | DC LB225 30409 MB34 RDGB   | 25                     | 3007                   |
|                                                  | DC LB232 30409 MB34 RDGB   | 40                     | 3182                   |
| SMX In Plastic Enclosure                         | DC LB216 30409 SMX RDGB    | 16                     | 2960                   |
|                                                  | DC LB225 30409 SMX RDGB    | 25                     | 3302                   |
|                                                  | DC LB232 30409 SMX RDGB    | 40                     | 3478                   |
| B23 DIN Rail MTG with Flag Knob, DB Mounting     | DC LB363 30409B23DBFLGB    | 63                     | 6219                   |
| B23 DIN Rail MTG with Flag Knob                  | DC LB363 30409B23FLGB      | 63                     | 6153                   |
| 8 POLE ISOLATOR                                  |                            | AMPS Rating @ 1000V DC |                        |
| B21 DIN Rail MTG with Ball Grip Handle           | DC LB216 30809 B21 BGGB    | 16                     | 4736                   |
|                                                  | DC LB225 30809 B21 BGGB    | 25                     | 5179                   |
|                                                  | DC LB232 30809 B21 BGGB    | 40                     | 6257                   |
| MB34 Base MTG , DIL & Pad Lock with Leech Handle | DC LB216 30809 MB34 LHGB   | 16                     | 5077                   |
|                                                  | DC LB225 30809 MB34 LHGB   | 25                     | 5521                   |
|                                                  | DC LB232 30809 MB34 LHGB   | 40                     | 6599                   |
| B31L In Plastic Enclosure                        | DC LB216 30809 B31L SHGB   | 16                     | 7184                   |
|                                                  | DC LB225 30809 B31L SHGB   | 25                     | 7628                   |
|                                                  | DC LB232 30809 B31L SHGB   | 40                     | 8705                   |
| 4 POLE CHANGEOVER                                |                            | AMPS Rating @ 1000V DC |                        |
| B21 DIN Rail MTG with Ball Grip Handle           | DC LB216 30154 B21 BGGB    | 16                     | 4736                   |
|                                                  | DC LB225 30154 B21 BGGB    | 25                     | 5179                   |
|                                                  | DC LB232 30154 B21 BGGB    | 40                     | 6257                   |
| MB34 Base MTG , DIL & Pad Lock with Leech Handle | DC LB216 30154 MB34 LHGB   | 16                     | 5077                   |
|                                                  | DC LB225 30154 MB34 LHGB   | 25                     | 5521                   |
|                                                  | DC LB232 30154 MB34 LHGB   | 40                     | 6599                   |
| B31L In Plastic Enclosure                        | DC LB216 30154 B31L SHGB   | 16                     | 7184                   |
|                                                  | DC LB225 30154 B31L SHGB   | 25                     | 7628                   |
|                                                  | DC LB232 30154 B31L SHGB   | 40                     | 8705                   |

\* Note : 2 Pole Isolators can also be supplied on request

# FRLS Cable Ducts (8538)

salzer

The flammability and smoke performance of rigid PVC (RPVC) plays a significant role in its selection for wiring duct applications. One of the most serious problems of general RPVC cable duct combustion is that it produces large volume of smoke and toxic gases which became the main cause of fire related death. Apart from the irritant effect of HCl gas on the eyes and respiratory system, smoke can cause disorientation and hinder escape from the scene of the fire; which impedes the entry of fire fighters. Hence, the reduction of smoke emissions is clearly desirable.

Salzer FRLS PVC Cable Ducts efficiently carries and protects wires and cables, which are manufactured from specially compounded, low smoke, flame retarded and high impact rigid polyvinyl chloride (RPVC) resin. We modified RPVC wiring duct formulations and used low doses of plasticizer and lubricants to get higher limiting oxygen index (LOI) and low smoke density rating (SDR) with excellent flame retardant (V-0) characteristics. Our wiring duct offers an effective resistance against fire propagation and emits very negligible amount of smokes during fire catching. Salzer cable duct has a flammability rating of V-0, REACH and RoHS compliant and has a continuous use temperature up to 140°F (60 °C). Wide range of colour, sizes and different slotting styles to meet the customer requirements.

| Type A | Description | 1 Meter                      |                     |           |               | 2 Meter                     |                     |           |               |
|--------|-------------|------------------------------|---------------------|-----------|---------------|-----------------------------|---------------------|-----------|---------------|
|        | H x W       | Cat. No.(Standard slot Grey) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty | Cat.No.(Standard slot Grey) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty |
|        |             |                              |                     |           |               |                             |                     |           |               |
|        | A 15 x 15   | WWA1515HG                    | 67                  | 100       | 100           | WWA1515HG2                  | 134                 | 64        | 64            |
|        | A 15 x 25   | WWA1525HG                    | 93                  | 100       | 100           | WWA1525HG2                  | 186                 | 64        | 64            |
|        | A 25 x 25   | WWA2525SG                    | 111                 | 70        | 70            | WWA2525SG2                  | 222                 | 48        | 48            |
|        | A 30 x 25   | WWA3025SG                    | 123                 | 70        | 70            | WWA3025SG2                  | 246                 | 48        | 48            |
|        | A 40 x 30   | WWA4030SG                    | 153                 | 75        | 75            | WWA4030SG2                  | 306                 | 32        | 32            |
|        | A 45 x 25   | WWA4525SG                    | 156                 | 75        | 75            | WWA4525SG2                  | 312                 | 40        | 40            |
|        | A 45 x 30   | WWA4530SG                    | 157                 | 50        | 50            | WWA4530SG2                  | 314                 | 32        | 32            |
|        | A 45 x 45   | WWA4545SG                    | 199                 | 50        | 50            | WWA4545SG2                  | 398                 | 18        | 18            |
|        | A 45 x 60   | WWA4560SG                    | 240                 | 50        | 50            | WWA4560SG2                  | 480                 | 12        | 12            |
|        | A 60 x 25   | WWA6025SG                    | 199                 | 50        | 50            | WWA6025SG2                  | 398                 | 18        | 18            |
|        | A 60 x 45   | WWA6045SG                    | 234                 | 50        | 50            | WWA6045SG2                  | 468                 | 18        | 18            |
|        | A 60 x 60   | WWA6060SG                    | 277                 | 32        | 32            | WWA6060SG2                  | 554                 | 12        | 12            |
|        | A 60 x 120  | WWA60120SG                   | 942                 | 18        | 90            | WWA60120SG2                 | 1884                | 8         | 80            |
|        | A 75 x 45   | WWA7545SG                    | 290                 | 40        | 40            | WWA7545SG2                  | 580                 | 12        | 12            |
|        | A 75 x 75   | WWA7575SG                    | 409                 | 32        | 32            | WWA7575SG2                  | 818                 | 12        | 12            |
|        | A 80 x 80   | WWA8080SG                    | 457                 | 25        | 25            | WWA8080SG2                  | 914                 | 12        | 12            |
|        | A 100 x 100 | WWA100100SG                  | 739                 | 18        | 18            | WWA100100SG2                | 1478                | 8         | 40            |

## Type A

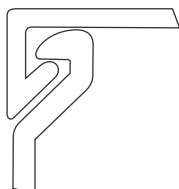


cover for fast and efficient locking.

A Type

- \* Snap fit cover
- \* Easy to remove

## Type B



Non slip cover design of minimum encumbrance and maximum grip



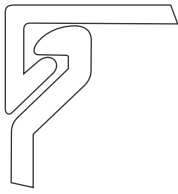
- \* Non - slip cover
- \* Positive locking

| Type B | Description | 1 Meter                  |                     |           |               | 2 Meter                  |                     |           |               |
|--------|-------------|--------------------------|---------------------|-----------|---------------|--------------------------|---------------------|-----------|---------------|
|        | W x H       | Cat. No. (Standard slot) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty | Cat. No. (Standard slot) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty |
|        |             |                          |                     |           |               |                          |                     |           |               |
|        | B 25 x 25   | WWB2525SG                | 119                 | 100       | 100           | WWB2525SG2               | 238                 | 36        | 36            |
|        | B 25 x 30   | WWB2530SG                | 128                 | 100       | 100           | WWB2530SG2               | 256                 | 36        | 36            |
|        | B 25 x 40   | WWB2540SG                | 156                 | 75        | 75            | WWB2540SG2               | 312                 | 36        | 36            |
|        | B 25 x 45   | WWB2545SG                | 162                 | 75        | 225           | WWB2545SG2               | 324                 | 36        | 108           |
|        | B 25 x 60   | WWB2560SG                | 205                 | 50        | 50            | WWB2560SG2               | 410                 | 18        | 18            |
|        | B 25 x 80   | WWB2580SG                | 278                 | 50        | 50            | WWB2580SG2               | 556                 | 18        | 18            |
|        | B 25 x 100  | WWB25100SG               | 353                 | 25        | 25            | WWB25100SG2              | 706                 | 18        | 18            |
|        | B 30 x 20   | WWB3020UG                | 156                 | 100       | 200           | WWB3020UG2               | 312                 | 36        | 180           |
|        | B 30 x 80   | WWB3080SG                | 385                 | 50        | 200           | WWB3080SG2               | 770                 | 18        | 90            |
|        | B 40 x 40   | WWB4040SG                | 205                 | 50        | 50            | WWB4040SG2               | 410                 | 18        | 18            |
|        | B 45 x 45   | WWB4545SG                | 212                 | 50        | 50            | WWB4545SG2               | 424                 | 18        | 18            |
|        | B 40 x 60   | WWB4060SG                | 248                 | 50        | 50            | WWB4060SG2               | 496                 | 18        | 18            |
|        | B 40 x 80   | WWB4080SG                | 294                 | 50        | 50            | WWB4080SG2               | 588                 | 18        | 18            |
|        | B 40 x 100  | WWB40100SG               | 369                 | 25        | 25            | WWB40100SG2              | 738                 | 12        | 12            |
|        | B 45 x 20   | WWB4520UG                | 163                 | 75        | 225           | WWB4520UG2               | 326                 | 36        | 180           |
|        | B 50 x 100  | WWB50100SG               | 424                 | 30        | 90            | WWB50100SG2              | 848                 | 12        | 60            |
|        | B 60 x 20   | WWB6020UG                | 222                 | 50        | 200           | WWB6020UG2               | 444                 | 18        | 90            |
|        | B 60 x 40   | WWB6040SG                | 248                 | 50        | 50            | WWB6040SG2               | 496                 | 18        | 90            |
|        | B 60 x 60   | WWB6060SG                | 294                 | 50        | 50            | WWB6060SG2               | 588                 | 12        | 12            |
|        | B 60 x 80   | WWB6080SG                | 382                 | 40        | 40            | WWB6080SG2               | 764                 | 12        | 12            |
|        | B 60 x 100  | WWB60100SG               | 503                 | 30        | 30            | WWB60100SG2              | 1006                | 8         | 8             |
|        | B 72 x 64   | WWB7264SG                | 353                 | 32        | 96            | WWB7264SG2               | 706                 | 18        | 90            |
|        | B 75 x 75   | WWB7575SG                | 496                 | 32        | 96            | WWB7575SG2               | 992                 | 8         | 40            |
|        | B 75 x 100  | WWB75100SG               | 519                 | 25        | 75            | WWB75100SG2              | 1038                | 8         | 40            |
|        | B 80 x 40   | WWB8040SG                | 300                 | 50        | 100           | WWB8040SG2               | 600                 | 12        | 60            |
|        | B 80 x 60   | WWB8060SG                | 397                 | 40        | 80            | WWB8060SG2               | 794                 | 12        | 60            |
|        | B 80 x 80   | WWB8080SG                | 494                 | 32        | 32            | WWB8080SG2               | 988                 | 12        | 12            |
|        | B 80 x 100  | WWB80100SG               | 555                 | 24        | 24            | WWB80100SG2              | 1110                | 8         | 8             |
|        | B 100 x 60  | WWB10060SG               | 473                 | 30        | 30            | WWB10060SG2              | 946                 | 8         | 8             |
|        | B 100 x 80  | WWB10080SG               | 555                 | 25        | 25            | WWB10080SG2              | 1110                | 8         | 8             |
|        | B 100 x 100 | WWB100100SG              | 809                 | 18        | 18            | WWB100100SG2             | 1618                | 8         | 8             |
|        | B 120 x 80  | WWB12080SG               | 786                 | 18        | 90            | WWB12080SG2              | 1572                | 6         | 48            |
|        | B 150 x 100 | WWB150100SG              | 1010                | 12        | 48            | WWB150100SG2             | 2020                | 4         | 40            |
|        | B 150 x 150 | WWB150150SG              | 2195                | 8         | 80            | WWB150150SG2             | 4390                | 2         | 40            |

Note : 1) For any special colour request additional 10% will be charged on price. For cut length additional 10% will be charged. 2) Thin / Unslot will be supplied on request. For thin slot replace the cat. number ending with SG by TG, For un slotted channel replace the cat. number ending with SG by UG. MRP will be same as standard slot.

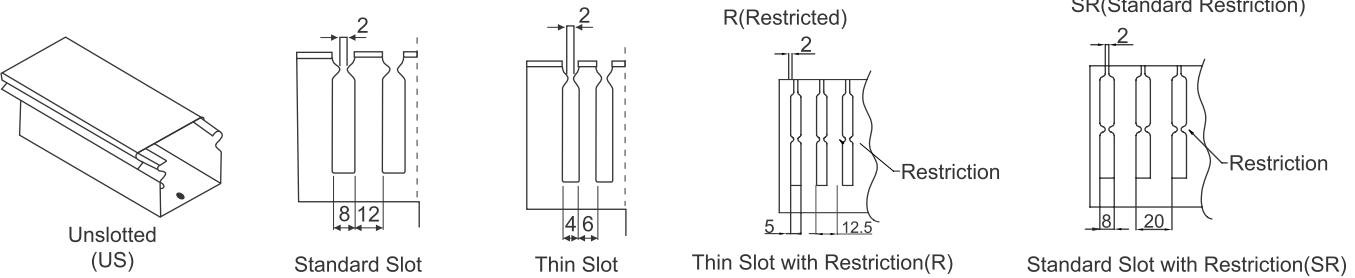
CABLE DUCTS

# Halogen Free Ducts (8538)

| <div>Type B</div> <div></div> <div>Non slip cover design of minimum encumbrance and maximum grip</div> <div></div> <div>B Type</div> <div>* Non - slip cover</div> <div>* Positive locking</div> | Description | 1 Meter              |                     |           |               | 2 Meter              |                     |           |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|---------------------|-----------|---------------|----------------------|---------------------|-----------|---------------|
|                                                                                                                                                                                                                                                                                                                                                                    | W x H       | Cat. No. (Thin slot) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty | Cat. No. (Thin slot) | M.R.P. (₹) Per Unit | Std. Pkg. | Min Order Qty |
|                                                                                                                                                                                                                                                                                                                                                                    | B 25 x 30   | WWB2530HG            | 399                 | 100       | 100           | WWB2530HG2           | 798                 | 36        | 72            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 25 x 40   | WWB2540HG            | 508                 | 75        | 150           | WWB2540HG2           | 1016                | 36        | 72            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 25 x 60   | WWB2560HG            | 683                 | 50        | 100           | WWB2560HG2           | 1366                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 25 x 80   | WWB2580HG            | 879                 | 50        | 100           | WWB2580HG2           | 1758                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 25 x 100  | WWB25100HG           | 1078                | 25        | 100           | WWB25100HG2          | 2156                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 40 x 40   | WWB4040HG            | 598                 | 50        | 100           | WWB4040HG2           | 1196                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 40 x 60   | WWB4060HG            | 795                 | 50        | 100           | WWB4060HG2           | 1590                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 40 x 80   | WWB4080HG            | 964                 | 50        | 100           | WWB4080HG2           | 1928                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 40 x 100  | WWB40100HG           | 1191                | 25        | 100           | WWB40100HG2          | 2382                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 60 x 40   | WWB6040HG            | 766                 | 50        | 100           | WWB6040HG2           | 1532                | 18        | 54            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 60 x 60   | WWB6060HG            | 937                 | 50        | 100           | WWB6060HG2           | 1874                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 60 x 80   | WWB6080HG            | 1303                | 40        | 120           | WWB6080HG2           | 2606                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 60 x 100  | WWB60100HG           | 1504                | 30        | 90            | WWB60100HG2          | 3008                | 8         | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 80 x 40   | WWB8040HG            | 937                 | 50        | 100           | WWB8040HG2           | 1874                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 80 x 60   | WWB8060HG            | 1248                | 40        | 120           | WWB8060HG2           | 2496                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 80 x 80   | WWB8080HG            | 1504                | 32        | 96            | WWB8080HG2           | 3008                | 12        | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 80 x 100  | WWB80100HG           | 1644                | 24        | 96            | WWB80100HG2          | 3288                | 8         | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 100 x 60  | WWB10060HG           | 1445                | 30        | 90            | WWB10060HG2          | 2890                | 8         | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 100 x 80  | WWB10080HG           | 1815                | 25        | 100           | WWB10080HG2          | 3630                | 8         | 48            |
|                                                                                                                                                                                                                                                                                                                                                                    | B 100 x 100 | WWB100100HG          | 2182                | 18        | 90            | WWB100100HG2         | 4364                | 8         | 48            |

\* Under development

## Slotting Styles (A & B Types)



## Covers for FRLS Cable Ducts

|  | Description             | Cat. No. | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|-------------------------|----------|---------------------|
|                                                                                     | Cover for 15 mm A type  | CCA15SG  | 31                  |
|                                                                                     | Cover for 25 mm A type  | CCA25SG  | 48                  |
|                                                                                     | Cover for 30 mm A type  | CCA30SG  | 59                  |
|                                                                                     | Cover for 45 mm A type  | CCA45SG  | 92                  |
|                                                                                     | Cover for 60 mm A type  | CCA60SG  | 110                 |
|                                                                                     | Cover for 75 mm A type  | CCA75SG  | 139                 |
|                                                                                     | Cover for 80 mm A type  | CCA80SG  | 165                 |
|                                                                                     | Cover for 100 mm A type | CCA100SG | 202                 |
|                                                                                     | Cover for 25 mm B type  | CCB25SG  | 50                  |
|                                                                                     | Cover for 30 mm B type  | CCB30SG  | 61                  |
|                                                                                     | Cover for 40 mm B type  | CCB40SG  | 76                  |
|                                                                                     | Cover for 45 mm B type  | CCB45SG  | 94                  |
|                                                                                     | Cover for 50 mm B type  | CCB50SG  | 113                 |
|                                                                                     | Cover for 60 mm B type  | CCB60SG  | 113                 |
|                                                                                     | Cover for 72 mm B type  | CCB72SG  | 143                 |
|                                                                                     | Cover for 75 mm B type  | CCB75SG  | 143                 |
|                                                                                     | Cover for 80 mm B type  | CCB80SG  | 171                 |
|                                                                                     | Cover for 100 mm B type | CCB100SG | 208                 |
|                                                                                     | Cover for 120 mm B type | CCB120SG | 222                 |
|                                                                                     | Cover for 150 mm B type | CCB150SG | 260                 |

# Relays (8536)

- AC & DC relays from 3A to 100 Amps from 1 to 4 pole
- DC power relays upto 125 Amps
- Miniature, General purpose, Power & Automotive Relays
- Termination via Solder, PCB mounted, Plug-In and Screw type terminals
- Silver contacts for enhanced life, **ERDA Tested & complies with JSS standards**

## M SERIES - MSP (Equivalent to MY)

| MSP                                                                                                                                                                                                   | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|----------|---------------------|
|  <p>Type MSP (AC/DC) with LED at 240V AC/24V DC Plug in Enclosed Version - 5 Amps Resistive 2 Pole/3 Pole/4 Pole</p> | MSP2P12   | 2P          | 12V DC     | 20       | 227                 |
|                                                                                                                                                                                                       | MSP2P24   | 2P          | 24V DC     | 20       | 227                 |
|                                                                                                                                                                                                       | MSP2P48   | 2P          | 48V DC     | 20       | 258                 |
|                                                                                                                                                                                                       | MSP2P110  | 2P          | 110V DC    | 20       | 237                 |
|                                                                                                                                                                                                       | MSP2P12A  | 2P          | 12V AC     | 20       | 252                 |
|                                                                                                                                                                                                       | MSP2P24A  | 2P          | 24V AC     | 20       | 247                 |
|                                                                                                                                                                                                       | MSP2P110A | 2P          | 110V AC    | 20       | 278                 |
|                                                                                                                                                                                                       | MSP2P240A | 2P          | 240V AC    | 20       | 263                 |
|                                                                                                                                                                                                       | MSP3P12   | 3P          | 12V DC     | 20       | 237                 |
|                                                                                                                                                                                                       | MSP3P24   | 3P          | 24V DC     | 20       | 237                 |
|                                                                                                                                                                                                       | MSP3P110  | 3P          | 110V DC    | 20       | 252                 |
|                                                                                                                                                                                                       | MSP3P24A  | 3P          | 24V AC     | 20       | 288                 |
|                                                                                                                                                                                                       | MSP3P110A | 3P          | 110V AC    | 20       | 294                 |
|                                                                                                                                                                                                       | MSP3P240A | 3P          | 240V AC    | 20       | 309                 |
|                                                                                                                                                                                                       | MSP4P12   | 4P          | 12V DC     | 20       | 237                 |
|                                                                                                                                                                                                       | MSP4P24   | 4P          | 24V DC     | 20       | 237                 |
|                                                                                                                                                                                                       | MSP4P48   | 4P          | 48V DC     | 20       | 263                 |
|                                                                                                                                                                                                       | MSP4P110  | 4P          | 110V DC    | 20       | 258                 |
|                                                                                                                                                                                                       | MSP4P12A  | 4P          | 12V AC     | 20       | 304                 |
|                                                                                                                                                                                                       | MSP4P24A  | 4P          | 24V AC     | 20       | 294                 |
|                                                                                                                                                                                                       | MSP4P110A | 4P          | 110V AC    | 20       | 294                 |
|                                                                                                                                                                                                       | MSP4P240A | 4P          | 240V AC    | 20       | 304                 |

| MSP - Test Button                                                                                                                                                                                                                                                                 | Cat No.        | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|------------|----------|---------------------|
| <p>Approvals</p>   <p>2 Pole - 12 Amps/4 Pole - 7 Amps @ 277 V AC/30 V DC with Flag &amp; LED-UL Marked</p> | MSP2P012D12TNE | 2P          | 12V DC     | 20       | 278                 |
|                                                                                                                                                                                                                                                                                   | MSP2P024D12TNE | 2P          | 24V DC     | 20       | 278                 |
|                                                                                                                                                                                                                                                                                   | MSP2P110D12TNE | 2P          | 110V DC    | 20       | 288                 |
|                                                                                                                                                                                                                                                                                   | MSP2P012A12TNE | 2P          | 12V AC     | 20       | 299                 |
|                                                                                                                                                                                                                                                                                   | MSP2P024A12TNE | 2P          | 24V AC     | 20       | 299                 |
|                                                                                                                                                                                                                                                                                   | MSP2P110A12TNE | 2P          | 110V AC    | 20       | 324                 |
|                                                                                                                                                                                                                                                                                   | MSP2P240A12TNE | 2P          | 240V AC    | 20       | 314                 |
|                                                                                                                                                                                                                                                                                   | MSP4P012D07TNE | 4P          | 12V DC     | 20       | 314                 |
|                                                                                                                                                                                                                                                                                   | MSP4P024D07TNE | 4P          | 24V DC     | 20       | 314                 |
|                                                                                                                                                                                                                                                                                   | MSP4P110D07TNE | 4P          | 110V DC    | 20       | 335                 |
|                                                                                                                                                                                                                                                                                   | MSP4P012A07TNE | 4P          | 12V AC     | 20       | 381                 |
|                                                                                                                                                                                                                                                                                   | MSP4P024A07TNE | 4P          | 24V AC     | 20       | 355                 |
|                                                                                                                                                                                                                                                                                   | MSP4P110A07TNE | 4P          | 110V AC    | 20       | 376                 |
|                                                                                                                                                                                                                                                                                   | MSP4P240A07TNE | 4P          | 240V AC    | 20       | 381                 |

# Relays (8536)

## M SERIES - MKG



MKG (AC/DC) with LED indication - 5 Amps Resistive at 240V AC/24 DC Plug in Enclosed Version

| MKG - | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-------|-----------|-------------|------------|----------|---------------------|
|       | MKG2P06   | 2P          | 6V DC      | 10       | 295                 |
|       | MKG2P12   | 2P          | 12V DC     | 10       | 260                 |
|       | MKG2P18   | 2P          | 18V DC     | 10       | 310                 |
|       | MKG2P24   | 2P          | 24V DC     | 10       | 265                 |
|       | MKG2P30   | 2P          | 30V DC     | 10       | 350                 |
|       | MKG2P48   | 2P          | 48V DC     | 10       | 285                 |
|       | MKG2P110  | 2P          | 110V DC    | 10       | 315                 |
|       | MKG2P220  | 2P          | 220V DC    | 10       | 360                 |
|       | MKG3P12   | 3P          | 12V DC     | 10       | 330                 |
|       | MKG3P18   | 3P          | 18V DC     | 10       | 335                 |
|       | MKG3P24   | 3P          | 24V DC     | 10       | 335                 |
|       | MKG3P30   | 3P          | 30V DC     | 10       | 410                 |
|       | MKG3P48   | 3P          | 48V DC     | 10       | 395                 |
|       | MKG3P110  | 3P          | 110V DC    | 10       | 385                 |
|       | MKG3P220  | 3P          | 220V DC    | 10       | 515                 |
|       | MKG2P06A  | 2P          | 06V AC     | 10       | 290                 |
|       | MKG2P12A  | 2P          | 12V AC     | 10       | 270                 |
|       | MKG2P24A  | 2P          | 24V AC     | 10       | 265                 |
|       | MKG2P110A | 2P          | 110V AC    | 10       | 265                 |
|       | MKG2P240A | 2P          | 240V AC    | 10       | 340                 |
|       | MKG3P12A  | 3P          | 12V AC     | 10       | 325                 |
|       | MKG3P24A  | 3P          | 24V AC     | 10       | 315                 |
|       | MKG3P110A | 3P          | 110V AC    | 10       | 325                 |
|       | MKG3P240A | 3P          | 240V AC    | 10       | 390                 |

## M SERIES - MKP



Type MKP (AC/DC) with LED indication -10 Amps Resistive at 240V AC/24V DC Plug in Enclosed Version

| MKP | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-----|-----------|-------------|------------|----------|---------------------|
|     | MKP2P06   | 2P          | 06V DC     | 10       | 300                 |
|     | MKP2P12   | 2P          | 12V DC     | 10       | 295                 |
|     | MKP2P24   | 2P          | 24V DC     | 10       | 300                 |
|     | MKP2P48   | 2P          | 48V DC     | 10       | 330                 |
|     | MKP2P110  | 2P          | 110V DC    | 10       | 330                 |
|     | MKP2P220  | 2P          | 220V DC    | 10       | 445                 |
|     | MKP3P12   | 3P          | 12V DC     | 10       | 365                 |
|     | MKP3P24   | 3P          | 24V DC     | 10       | 365                 |
|     | MKP3P48   | 3P          | 48V DC     | 10       | 410                 |
|     | MKP3P110  | 3P          | 110V DC    | 10       | 430                 |
|     | MKP3P220  | 3P          | 220V DC    | 10       | 590                 |
|     | MKP2P06A  | 2P          | 06V AC     | 10       | 320                 |
|     | MKP2P12A  | 2P          | 12V AC     | 10       | 315                 |
|     | MKP2P24A  | 2P          | 24V AC     | 10       | 315                 |
|     | MKP2P110A | 2P          | 110V AC    | 10       | 325                 |
|     | MKP2P240A | 2P          | 240V AC    | 10       | 420                 |
|     | MKP3P12A  | 3P          | 12V AC     | 10       | 415                 |
|     | MKP3P24A  | 3P          | 24V AC     | 10       | 415                 |
|     | MKP3P110A | 3P          | 110V AC    | 10       | 405                 |
|     | MKP3P240A | 3P          | 240V AC    | 10       | 465                 |

## M SERIES - MKP

| MKP - Test Button                                                                                                                                                                                                                                                                                                                           | Cat No.        | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|------------|----------|---------------------|
| <b>Approvals</b><br><br><br>Type MKP (AC/DC) with LED indication -10 Amps<br>Resistive at 277V AC/24 DC<br>Plug in Enclosed Version with Test Button/Mechanical Indicator | MKP2P012D10TNE | 2P          | 12V DC     | 10       | 380                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP2P024D10TNE | 2P          | 24V DC     | 10       | 380                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP2P110D10TNE | 2P          | 110V DC    | 10       | 415                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P012D10TNE | 3P          | 12V DC     | 10       | 455                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P024D10TNE | 3P          | 24V DC     | 10       | 455                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P110D10TNE | 3P          | 110V DC    | 10       | 515                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP2P024A10TNE | 2P          | 24V AC     | 10       | 400                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP2P110A10TNE | 2P          | 110V AC    | 10       | 410                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP2P240A10TNE | 2P          | 240V AC    | 10       | 510                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P024A10TNE | 3P          | 24V AC     | 10       | 500                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P110A10TNE | 3P          | 110V AC    | 10       | 495                 |
|                                                                                                                                                                                                                                                                                                                                             | MKP3P240A10TNE | 3P          | 240V AC    | 10       | 555                 |

## Sockets for MK / MSP Series (8538)

| SOCKETS                                                                             | Cat No. | Coil Volts                                               | Min. Pack | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|---------|----------------------------------------------------------|-----------|---------------------|
|  | MK08C   | 8 Pin for 2 C/O & Closed Terminals for "MKG/MKP" Relays  | 20        | 72                  |
|                                                                                     | MK11C   | 11 Pin for 3 C/O & Closed Terminals for "MKG/MKP" Relays | 20        | 105                 |
|                                                                                     | MSP08C  | Closed Terminals Socket for MSP - 2 Pole                 | 20        | 107                 |
|                                                                                     | MSP14C  | Closed Terminals Socket for MSP - 4 Pole                 | 20        | 140                 |
|                                                                                     | MSP14P  | PCB Socket for MSP - 4 Pole                              | 50        | 52                  |

UL Sockets for MK / MSP Series available on request

## M SERIES - MIC

| MIC                                                                                                                                                                 | Cat No. | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|------------|----------|---------------------|
|  MIC (AC/DC) - 12 Amps Resistive at 240V AC/24V DC/ Enclosed solder/ PCB Version | MIC2P12 | 2P          | 12V DC     | 20       | 240                 |
|                                                                                                                                                                     | MIC2P24 | 2P          | 24V DC     | 20       | 250                 |
|                                                                                                                                                                     | MIC3P12 | 3P          | 12V DC     | 20       | 280                 |
|                                                                                                                                                                     | MIC3P24 | 3P          | 24V DC     | 20       | 285                 |

# Relays

## M SERIES - MSC

| MSC                                                                                                                                                                       | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|----------|---------------------|
|  <p>MSC (AC/DC) - 5 Amps<br/>Resistive at 240V AC/24V DC<br/>Enclosed Solder Version</p> | MSC1P12   | 1P          | 12V DC     | 10       | 150                 |
|                                                                                                                                                                           | MSC1P18   | 1P          | 18V DC     | 10       | 160                 |
|                                                                                                                                                                           | MSC1P24   | 1P          | 24V DC     | 10       | 155                 |
|                                                                                                                                                                           | MSC2P06   | 2P          | 06V DC     | 10       | 230                 |
|                                                                                                                                                                           | MSC2P12   | 2P          | 12V DC     | 10       | 210                 |
|                                                                                                                                                                           | MSC2P18   | 2P          | 18V DC     | 10       | 225                 |
|                                                                                                                                                                           | MSC2P24   | 2P          | 24V DC     | 10       | 220                 |
|                                                                                                                                                                           | MSC2P48   | 2P          | 48V DC     | 10       | 265                 |
|                                                                                                                                                                           | MSC3P06   | 3P          | 06V DC     | 10       | 295                 |
|                                                                                                                                                                           | MSC3P12   | 3P          | 12V DC     | 10       | 260                 |
|                                                                                                                                                                           | MSC3P18   | 3P          | 18V DC     | 10       | 270                 |
|                                                                                                                                                                           | MSC3P24   | 3P          | 24V DC     | 10       | 260                 |
|                                                                                                                                                                           | MSC3P48   | 3P          | 48V DC     | 10       | 355                 |
|                                                                                                                                                                           | MSC3P110  | 3P          | 110V DC    | 10       | 335                 |
|                                                                                                                                                                           | MSC2P240A | 2P          | 240V AC    | 10       | 330                 |
|                                                                                                                                                                           | MSC3P240A | 3P          | 240V AC    | 10       | 365                 |

RELAYS

## H SERIES - HSC

| HSC                                                                                                                                                                          | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|----------|---------------------|
|  <p>HSC (AC/DC) - 10 Amps<br/>Resistive at 240V AC/24V DC<br/>Enclosed Solder Version</p> | HSC1P12   | 1P          | 12V DC     | 10       | 210                 |
|                                                                                                                                                                              | HSC1P18   | 1P          | 18V DC     | 10       | 235                 |
|                                                                                                                                                                              | HSC1P24   | 1P          | 24V DC     | 10       | 220                 |
|                                                                                                                                                                              | HSC2P12   | 2P          | 12V DC     | 10       | 285                 |
|                                                                                                                                                                              | HSC2P18   | 2P          | 18V DC     | 10       | 340                 |
|                                                                                                                                                                              | HSC2P24   | 2P          | 24V DC     | 10       | 300                 |
|                                                                                                                                                                              | HSC3P12   | 3P          | 12V DC     | 10       | 360                 |
|                                                                                                                                                                              | HSC3P24   | 3P          | 24V DC     | 10       | 375                 |
|                                                                                                                                                                              | HSC2P240A | 2P          | 240V AC    | 10       | 455                 |
|                                                                                                                                                                              | HSC3P240A | 3P          | 240V AC    | 10       | 515                 |

## H SERIES - HSR

| HSR                                                                                                                                                                           | Cat No.   | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|----------|---------------------|
|  <p>HSR (AC/DC) - 16 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed Solder Version</p> | HSR1P12   | 1P          | 12V DC     | 10       | 225                 |
|                                                                                                                                                                               | HSR1P18   | 1P          | 18V DC     | 10       | 245                 |
|                                                                                                                                                                               | HSR1P24   | 1P          | 24V DC     | 10       | 250                 |
|                                                                                                                                                                               | HSR2P12   | 2P          | 12V DC     | 10       | 320                 |
|                                                                                                                                                                               | HSR2P18   | 2P          | 18V DC     | 10       | 355                 |
|                                                                                                                                                                               | HSR2P24   | 2P          | 24V DC     | 10       | 330                 |
|                                                                                                                                                                               | HSR3P12   | 3P          | 12V DC     | 10       | 410                 |
|                                                                                                                                                                               | HSR3P18   | 3P          | 18V DC     | 10       | 480                 |
|                                                                                                                                                                               | HSR3P24   | 3P          | 24V DC     | 10       | 440                 |
|                                                                                                                                                                               | HSR2P240A | 2P          | 240V AC    | 10       | 570                 |
|                                                                                                                                                                               | HSR3P240A | 3P          | 240V AC    | 10       | 605                 |

PRC SERIES - Power Relays

| PRC                                                                                                                                                             | Cat No.     | No of Poles | Coil Volts | Min Pack | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|------------|----------|---------------------|
|  <p>PRC 30 (AC/DC) - 30 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed</p> | PRC301P12   | 1P          | 12V DC     | 4        | 375                 |
|                                                                                                                                                                 | PRC301P24   | 1P          | 24V DC     | 4        | 380                 |
|                                                                                                                                                                 | PRC302P12   | 2P          | 12V DC     | 4        | 505                 |
|                                                                                                                                                                 | PRC302P24   | 2P          | 24V DC     | 4        | 510                 |
|                                                                                                                                                                 | PRC303P12   | 3P          | 12V DC     | 4        | 670                 |
|                                                                                                                                                                 | PRC303P24   | 3P          | 24V DC     | 4        | 675                 |
|                                                                                                                                                                 | PRC301P240A | 1P          | 240V AC    | 4        | 410                 |
|                                                                                                                                                                 | PRC302P240A | 2P          | 240V AC    | 4        | 540                 |
|                                                                                                                                                                 | PRC303P240A | 3P          | 240V AC    | 4        | 690                 |

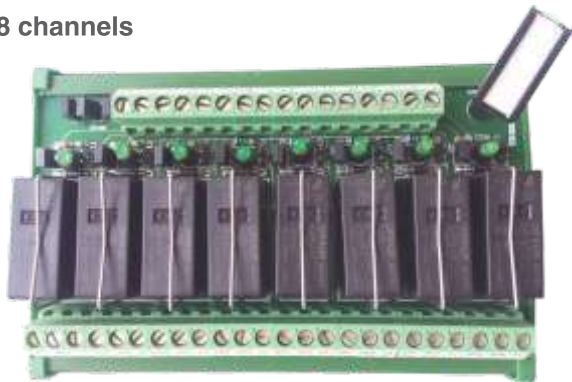
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----|---------|---|-----|
|  <p>PRC 40 (AC/DC) - 40 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed</p> | PRC401P12   | 1P | 12V DC  | 4 | 380 |
|                                                                                                                                                                  | PRC401P24   | 1P | 24V DC  | 4 | 385 |
|                                                                                                                                                                  | PRC401P48   | 1P | 48V DC  | 4 | 530 |
|                                                                                                                                                                  | PRC401P240A | 1P | 240V AC | 4 | 415 |

|                                                                                                                                                                                                                                                                                                                               |              |    |         |   |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----|---------|---|-----|
|  <p>PRC 60 (AC/DC) - 60 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed</p> <p>PRC 80 (AC/DC)-80 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed</p> <p>PRC 100 (AC/DC) - 100 Amps<br/>Resistive at 240V AC/24V DC/<br/>Enclosed</p> | PRC601P12    | 1P | 12V DC  | 4 | 430 |
|                                                                                                                                                                                                                                                                                                                               | PRC601P24    | 1P | 24V DC  | 4 | 440 |
|                                                                                                                                                                                                                                                                                                                               | PRC601P240A  | 1P | 240V AC | 4 | 525 |
|                                                                                                                                                                                                                                                                                                                               | PRC801P12    | 1P | 12V DC  | 3 | 535 |
|                                                                                                                                                                                                                                                                                                                               | PRC801P24    | 1P | 24V DC  | 3 | 550 |
|                                                                                                                                                                                                                                                                                                                               | PRC801P240A  | 1P | 240V AC | 3 | 720 |
|                                                                                                                                                                                                                                                                                                                               | PRC1001P12   | 1P | 12V DC  | 3 | 735 |
|                                                                                                                                                                                                                                                                                                                               | PRC1001P24   | 1P | 24V DC  | 3 | 770 |
|                                                                                                                                                                                                                                                                                                                               | PRC1001P240A | 1P | 240V AC | 3 | 790 |

RELAYS

# Relay Modules (8536)

1 & 2 Changeovers with 2,4,6 & 8 channels



## 1 C/O RELAY MODULE

|                                                                                   | Description                  | Modules | Cat No.   | MRP (₹) Per Unit |
|-----------------------------------------------------------------------------------|------------------------------|---------|-----------|------------------|
|  | 1 CO, 24VDC with OMRON Relay | 2       | RMS021P24 | 470              |
|                                                                                   | 1 CO, 24VDC with OMRON Relay | 4       | RMS041P24 | 860              |
|                                                                                   | 1 CO, 24VDC with OMRON Relay | 8       | RMS081P24 | 1385             |

## 1 C/O RELAY MODULE

|                                                                                     | Description                   | Modules | Cat No.      | MRP (₹) Per Unit |
|-------------------------------------------------------------------------------------|-------------------------------|---------|--------------|------------------|
|  | 1 CO, 110VAC with OMRON Relay | 4       | RMS041P110AC | 1665             |
|                                                                                     | 1 CO, 110VAC with OMRON Relay | 8       | RMS081P110AC | 2985             |
|                                                                                     | 1 CO, 230VAC with OMRON Relay | 2       | RMS021P230AC | 960              |
|                                                                                     | 1 CO, 230VAC with OMRON Relay | 4       | RMS041P230AC | 1855             |
|                                                                                     | 1 CO, 230VAC with OMRON Relay | 8       | RMS081P230AC | 3625             |

## 2 C/O RELAY MODULE

|                                                                                     | Description                  | Modules | Cat No.   | MRP (₹) Per Unit |
|-------------------------------------------------------------------------------------|------------------------------|---------|-----------|------------------|
|  | 2 CO, 24VDC with OMRON Relay | 2       | RMS022P24 | 620              |
|                                                                                     | 2 CO, 24VDC with OMRON Relay | 4       | RMS042P24 | 1075             |
|                                                                                     | 2 CO, 24VDC with OMRON Relay | 8       | RMS082P24 | 2070             |

## 2 C/O RELAY MODULE

|                                                                                     | Description                   | Modules | Cat No.      | MRP (₹) Per Unit |
|-------------------------------------------------------------------------------------|-------------------------------|---------|--------------|------------------|
|  | 2 CO, 230VAC with OMRON Relay | 2       | RMS022P230AC | 1095             |
|                                                                                     | 2 CO, 230VAC with OMRON Relay | 4       | RMS042P230AC | 2035             |
|                                                                                     | 2 CO, 230VAC with OMRON Relay | 8       | RMS082P230AC | 4060             |

\* Other Coil Voltages offered on request

# Terminal Connectors(8538)

- **Range from 2.5-95 Sq.mm Universal mounting**

Standard terminal connectors, Miniature, Double Level, Triple Level connectors & Screwless connectors

- **UL94 V0 grade material**

Fuse terminals, Earth Terminals, Stud Test & Disconnecting Terminals & Distribution Terminal Blocks

- **Accessories** : End plate / Clamp, Marking ferrules, Group markers, shorting links & Din rails

## Standard Feed through Screw Clamp Terminals

|                                                                                   | Cat No.   | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------|-----------|-------------------------------------------|--------------|---------------------|
|  | SCRW2.5U  | 2.5                                       | 100          | 9.70                |
|                                                                                   | SCRW2.5UE | 4                                         | 100          | 11.50               |
|                                                                                   | SCRW4U    | 4                                         | 100          | 11.80               |
|                                                                                   | SCRW6U    | 6                                         | 100          | 16.00               |
|                                                                                   | SCRW10U   | 10                                        | 100          | 20.10               |
|                                                                                   | SCRW16U   | 16                                        | 50           | 38.10               |
|                                                                                   | SCRW25U   | 25                                        | 50           | 60.00               |
|                                                                                   | SCRW35U   | 35                                        | 50           | 85.90               |
|                                                                                   | SCRW50U   | 50                                        | 20           | 252.40              |
|                                                                                   | SCRW95U   | 95                                        | 10           | 364.60              |

## Double Level Terminals

|                                                                                    | Cat No.           | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|------------------------------------------------------------------------------------|-------------------|-------------------------------------------|--------------|---------------------|
|  | DBL4U             | 4                                         | 100          | 31.70               |
|                                                                                    | DBLOFF4U          | 4                                         | 100          | 37.10               |
|                                                                                    | DBL4U(I.S.)       | 4                                         | 100          | 42.20               |
|                                                                                    | Accessories       |                                           |              |                     |
|                                                                                    | EPDBL 4U          | DBL4U / DBL4U(I.S.)                       | 100          | 12.40               |
|                                                                                    | SPDBL 4U - Spacer | DBL4U / DBL4U(I.S.)                       | 100          | 12.40               |
|                                                                                    | EPDBLOFF 4U       | DBLOFF4U / 4UA - FRONT SIDE               | 100          | 17.50               |
|                                                                                    | EPDBLOFF4UA       | DBLOFF4U / 4UA - BACK SIDE                | 100          | 8.20                |

## Triple Level Terminals

|                                                                                     | Cat No.     | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|-------------|-------------------------------------------|--------------|---------------------|
|  | TL2.5U      | 2.5                                       | 100          | 82.40               |
|                                                                                     | TL2.5UH     | 2.5                                       | 100          | 46.40               |
|                                                                                     | Accessories |                                           |              |                     |
|                                                                                     | EPTL2.5U    | TL2.5U/UL                                 | 100          | 18.50               |
|                                                                                     | EPTL2.5UH   | TL2.5UH                                   | 100          | 18.50               |

## Multiple Connection Terminals

|                                                                                     | Cat No.      | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------|--------------|---------------------|
|  | SCRW 4U 1-2  | 4                                         | 100          | 29.90               |
|                                                                                     | SCRW 4U 2-2  | 4                                         | 100          | 41.20               |
|                                                                                     | Accessories  |                                           |              |                     |
|                                                                                     | EPSCRW4U 1-2 | SCRW 4U 1-2                               | 100          | 12.40               |
|                                                                                     | EPSCRW4U 2-2 | SCRW 4U 2-2                               | 100          | 17.50               |

## Micro Terminals

|                                                                                                          | Cat No.     | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------|--------------|---------------------|
|                       | M4          | 4                                         | 100          | 10.70               |
|                                                                                                          | Accessories |                                           |              |                     |
|                                                                                                          | P4          | 4                                         | 100          | 13.40               |
|                                                                                                          | EPP4        | P4                                        | 100          | 6.20                |
| Panel Mount Terminal  | Cat No.     | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|                                                                                                          | EPM4        | M4                                        | 100          | 8.20                |
|                                                                                                          | PPM4        | M4                                        | 100          | 9.30                |

## Fuse & Disconnect Terminals

|                                                                                   | Cat No.     | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------|-------------|-------------------------------------------|--------------|---------------------|
|  | F4U         | 4                                         | 100          | 42.70               |
|                                                                                   | F4U(L)      | 4                                         | 100          | 65.90               |
|                                                                                   | F6U         | 6                                         | 50           | 82.40               |
|                                                                                   | FDBL4U      | 4                                         | 50           | 107.10              |
|                                                                                   | FDBL4UE     | 4                                         | 50           | 122.60              |
|                                                                                   | Accessories |                                           |              |                     |
|                                                                                   | EPF4U       | F4U/F4U(L) / DISCTL4U                     | 100          | 10.30               |
|                                                                                   | PPF4U       | F4U/F4U(L) / DISCTL4U                     | 100          | 14.40               |
|                                                                                   | EPFDBL4U    | FDBL4U/4UE                                | 100          | 17.50               |

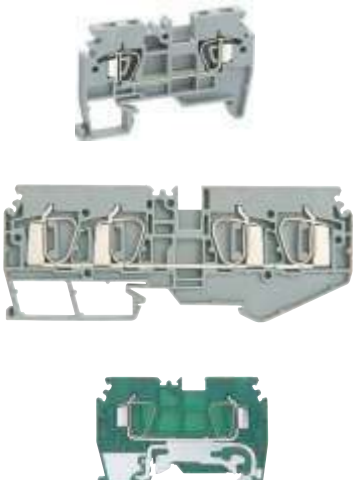
## Disconnect & Test Terminals

|                                                                                                           | Cat No.     | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------|--------------|---------------------|
|  for Current Transformer | KN4U        | 4                                         | 50           | 55.60               |
|                                                                                                           | DISCT6U     | 6                                         | 50           | 72.60               |
|                                                                                                           | DISCT6US    | 6                                         | 25           | 198.80              |
|                                                                                                           | Accessories |                                           |              |                     |
|                                                                                                           | EPKN4U      | KN4U                                      | 100          | 11.30               |
|                                                                                                           | EPDISCT6U   | DISCT6U / US                              | 100          | 16.50               |

## Stud Disconnect & Test Terminals for Current Transformer

|                                                                                     | Cat No.       | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|---------------|-------------------------------------------|--------------|---------------------|
|  | STUDDISCT6U   | 6                                         | 25           | 71.10               |
|                                                                                     | STUDDISCT6US  | 6                                         | 25           | 187.50              |
|                                                                                     | Accessories   |                                           |              |                     |
|                                                                                     | EPSTUDDISCT6U | STUDDISCT6U / STUDDISCT6US                | 100          | 16.50               |
|                                                                                     |               |                                           |              |                     |

## Spring Clamp Terminals

|                                                                                     | Cat No.      | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------|--------------|---------------------|
|  | CAGE2.5      | 2.5                                       | 100          | 13.20               |
|                                                                                     | CAGE4        | 4                                         | 450          | 22.50               |
|                                                                                     | CAGE6        | 6                                         | 50           | 43.80               |
|                                                                                     | CAGE2.5 1-2  | 2.5                                       | 100          | 23.70               |
|                                                                                     | CAGE4 1-2    | 4                                         | 50           | 37.10               |
|                                                                                     | CAGE6 1-2    | 6                                         | 50           | 71.10               |
|                                                                                     | CAGE2.5 2-2  | 2.5                                       | 100          | 30.90               |
|                                                                                     | CAGE4 2-2    | 4                                         | 50           | 47.40               |
|                                                                                     | CAGE6 2-2    | 6                                         | 50           | 56.70               |
|                                                                                     | CAGEP2.5     | 2.5                                       | 100          | 12.40               |
|                                                                                     | CAGEP2.5 2-2 | 2.5                                       | 100          | 22.70               |
|                                                                                     | CAGEG2.5     | 2.5                                       | 100          | 70.00               |
|                                                                                     | CAGEG4       | 4                                         | 50           | 83.40               |
|                                                                                     | CAGEG6       | 6                                         | 50           | 108.20              |

# Terminal Connectors

## Stud Type Terminals

|                                                                                   | Cat No.                             | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------|--------------|---------------------|
|  | STUD B4                             | 10                                        | 100          | 38.10               |
|                                                                                   | STUD B5                             | 16                                        | 100          | 47.40               |
|                                                                                   | STUD N4                             | 10                                        | 100          | 40.20               |
|                                                                                   | STUD N5                             | 16                                        | 100          | 49.40               |
|                                                                                   | STUD B6                             | 35                                        | 100          | 76.20               |
|                                                                                   | STUD N6                             | 35                                        | 100          | 68.00               |
|                                                                                   | Accessories For Stud Type Terminals |                                           |              |                     |
|                                                                                   | EPSTUD                              | STUD B4,B5., B6,N4,N5,N6                  | 100          | 11.30               |
|                                                                                   | PPSTUD                              | STUD B4,B5., B6,N4,N5,N6                  | 100          | 18.50               |

## Grounding Terminals

|                                                                                   | Cat No. | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------|---------|-------------------------------------------|--------------|---------------------|
|  | G4      | 4                                         | 50           | 77.30               |
|                                                                                   | GM4     | 4                                         | 100          | 48.40               |
|                                                                                   | G6      | 6                                         | 50           | 89.60               |
|                                                                                   | G10     | 10                                        | 20           | 102.00              |
|                                                                                   | G16     | 16                                        | 50           | 128.80              |
|                                                                                   | G35     | 35                                        | 20           | 255.40              |

## Accessories - End Plates (8538)

|                                                                                     | Cat No.       | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|---------------|-------------------------------------------|--------------|---------------------|
|  | EPSCRW2.5U/4U | SCRW2.5U/4U                               | 100          | 7.20                |
|                                                                                     | EPSCRW6U/10U  | SCRW6U/10U                                | 100          | 7.20                |
|                                                                                     | EPSCRW25U     | SCRW25U                                   | 100          | 10.30               |
|                                                                                     | EPSCRW35U     | SCRW35U                                   | 100          | 12.40               |
|                                                                                     | EPCAGE2.5     | CAGE2.5                                   | 100          | 9.30                |
|                                                                                     | EPCAGE4       | CAGE4                                     | 100          | 11.30               |
|                                                                                     | EPCAGE6       | CAGE6                                     | 100          | 16.50               |
|                                                                                     | EPCAGE2.5 1-2 | CAGE2.5 1-2                               | 100          | 10.30               |
|                                                                                     | EPCAGE4 1-2   | CAGE4 1-2                                 | 100          | 12.40               |
|                                                                                     | EPCAGE6 1-2   | CAGE6 1-2                                 | 100          | 20.60               |
|                                                                                     | EPCAGE2.5 2-2 | CAGE2.5 2-2                               | 100          | 12.40               |
|                                                                                     | EPCAGE4 2-2   | CAGE4 2-2                                 | 100          | 17.50               |
|                                                                                     | EPCAGEP2.5    | CAGEP2.5 (set of Left & Right)            | 100          | 11.30               |

## Partition Plates

|                                                                                     | Cat No.       | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|---------------|-------------------------------------------|--------------|---------------------|
|  | PPSCRW2.5U/4U | SCRW2.5U/4U                               | 100          | 12.40               |
|                                                                                     | PPSCRW6U/10U  | SCRW6U/10U                                | 100          | 16.50               |
|                                                                                     | PPSCRW25U     | SCRW25U                                   | 100          | 17.50               |
|                                                                                     | PPSCRW35U     | SCRW35U                                   | 100          | 20.60               |
|                                                                                     | PPCAGE2.5     | CAGE2.5                                   | 100          | 11.30               |
|                                                                                     | PPCAGE4       | CAGE4                                     | 100          | 14.40               |
|                                                                                     | PPCAGE6       | CAGE6                                     | 100          | 18.50               |
|                                                                                     | PPCAGE2.5 1-2 | CAGE2.5 1-2                               | 100          | 14.40               |
|                                                                                     | PPCAGE2.5 2-2 | CAGE2.5 2-2                               | 100          | 17.50               |
|                                                                                     | PPCAGE4 1-2   | CAGE4 1-2                                 | 100          | 17.50               |
|                                                                                     | PPCAGE4 2-2   | CAGE4 2-2                                 | 100          | 21.60               |
|                                                                                     | PPCAGE6 1-2   | CAGE6 1-2                                 | 100          | 21.60               |
|                                                                                     | PPCAGE6 2-2   | CAGE6 2-2                                 | 100          | 35.00               |

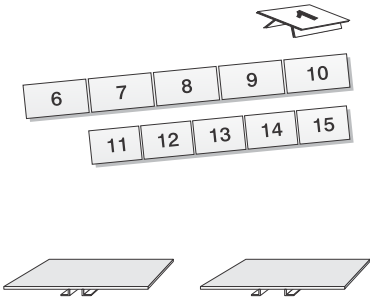
# Terminal Connectors salzer

## Separator Plate

|                                                                                   | Cat No.       | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-----------------------------------------------------------------------------------|---------------|-------------------------------------------|--------------|---------------------|
|  | SPSCRW2.5U/4U | SCRW2.5/4U                                | 100          | 6.20                |
|                                                                                   | SPSCRW6U/10U  | SCRW6/10U                                 | 100          | 6.20                |
|                                                                                   | SPSCRW16U     | SCRW16U / SCRW16UCR                       | 100          | 6.20                |
|                                                                                   | SPDBL4U       | DBL4U                                     | 100          | 6.20                |
|                                                                                   | SPP4          | P4                                        | 100          | 6.20                |

## Accessories

### Marking Labels

|                                                                                    | Cat No.  | Suitable for Wire Size (mm <sup>2</sup> )                                                                      | Std Pack Nos | M.R.P. (₹) Per Unit |
|------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------|--------------|---------------------|
|  | KM/2     | DBL4U/4U(I.S) / P4 / F4U / FDBL4U / TL2.5U/UL/UH/UHL / M4/4S/4SU / DISCTL4U/DBLDISCTL4U/ GM4 / DBL4U(E) SERIES | 100          | 3.00                |
|                                                                                    | KM/3     | CAGEP2.5 2-2                                                                                                   | 100          | 3.00                |
|                                                                                    | KM/4     | CAGEP2.5                                                                                                       | 100          | 3.00                |
|                                                                                    | KM/5     | SCRW2.5U / GN4 / TH2.5U K/J/T / CAGE2.5/2.5 1-2/2-2                                                            | 100          | 3.00                |
|                                                                                    | KM/6     | SCRW4U/4U1-2/4U2-2 / DBL4U / DBLOFF4U/4UA / G4 / KN4U / GN16/ 35 / CAGE4/4 1-2/2-2 / DISBL4/1-5 / 4/2(1)-44(1) | 100          | 3.00                |
|                                                                                    | KM/8     | SCRW6U / F4U / DISBL6/2-4 / FDBL4U / 4U(E)/4ULR/4U(E)LR / DISCT6U/L6U / CAGE6/6 1-2                            | 100          | 3.00                |
|                                                                                    | KM/10    | SCRW10U / G10 / DISBL10/2-4                                                                                    | 100          | 3.00                |
|                                                                                    | KM/12    | SCRW16U/25U                                                                                                    | 100          | 3.00                |
|                                                                                    | KM/15    | SCRW35U / G35                                                                                                  | 100          | 3.00                |
|                                                                                    | KM/50    | SCRW50U                                                                                                        | 100          | 3.00                |
|                                                                                    | KM/95    | SCRW95U                                                                                                        | 100          | 3.00                |
|                                                                                    | KM/G1,G2 | ES1N OR M4/DBL4U/SCRW50U/95U                                                                                   | 100          | 3.00                |

## End Clamp / End Stopper

|                                                                                     | Cat No.   | Suitable for Wire Size (mm <sup>2</sup> ) | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|-----------|-------------------------------------------|--------------|---------------------|
|  | ES1S      | DIN 35 RAIL                               | 100          | 13.40               |
|                                                                                     | ES2S      | DIN 35-15 RAIL                            | 100          | 13.40               |
|                                                                                     | ES3S      | DIN 32 RAIL                               | 100          | 10.30               |
|                                                                                     | ES1N      | DIN 15 RAIL                               | 100          | 8.20                |
|                                                                                     | ES2N      | DIN 35 / DIN 35-15 / DIN 32 RAIL          | 100          | 12.40               |
|                                                                                     | ES3N      | DIN 35 RAIL / DIN 35-15 RAIL              | 100          | 10.20               |
|                                                                                     | MTGBKT18  | STEEL                                     | 100          | 22.70               |
|                                                                                     | SPACER8   |                                           |              | 10.30               |
|                                                                                     | MTGBASE18 | DIN 35/35-15                              | 100          | 19.60               |

## Din Rails / Channels

|                                                                                     | Cat No.                                           | Std Pack Nos | M.R.P. (₹) Per Unit |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------|---------------------|
|  | DIN35/7.5MM - 1M (suitable for All Terminals)     | 50           | 146.30              |
|                                                                                     | DIN35/7.5MM - 1M - S (suitable for All Terminals) | 50           | 153.50              |

**Note:** For Shorting links and other accessories please contact Factory

Prices given here for **Grey Color**, for other colors 10% extra will be charged  
(Other Color possible are Red / Yellow / Blue / Black / Green / White / Brown  
with MOQ of 200 Nos per color)

# Limit Switches (8536)

- **Limit switches** : Available in Normal / Snap action
- Precision limit switches: 1NO + 1NC / 2NO +2NC
- Operating force: From Light to Heavy duty applications
- Versatile mounting heads, Rugged aluminum die cast housing



SL201

SL202

## SL200 Series

| Cat No. | Description                      | Contact Details |         | MRP (₹)<br>Per Unit |
|---------|----------------------------------|-----------------|---------|---------------------|
| SL201   | Ball Actuator                    | Snap Action     | 1NO+1NC | 850                 |
| SL202   | Roller Actuator                  | Snap Action     | 1NO+1NC | 955                 |
| SL203   | Roller Lever Actuator            | Snap Action     | 1NO+1NC | 955                 |
| SL207/1 | Angular Roller Lever Actuator RS | Snap Action     | 1NO+1NC | 955                 |

Note: SL 207/1 - Angular Roller Lever Actuator Right Side

## SL 600Series



SL600/600P/600N



SL603

SL609

| Cat No.     | Description                                                           | Contact Details |         | MRP (₹)<br>Per Unit |
|-------------|-----------------------------------------------------------------------|-----------------|---------|---------------------|
| SL600       | Only Push Rod Operated without Housing (without protection cover)     | Snap Action     | 1NO+1NC | 285                 |
| SL600P      | Only Push Rod Operated without Housing (with protection cover)        | Snap Action     | 1NO+1NC | 330                 |
| SL600PDLBP  | Push Rod Operated without Housing (with protection cover) - Bulk Pack | Snap Action     | 1NO+1NC | 275                 |
| SL600N      | Push Rod Operated Without Housing                                     | Normal Action   | 1NO+1NC | 240                 |
| SL600NP     | Push Rod Operated Without Housing (with protection cover)             | Normal Action   | 1NO+1NC | 275                 |
| SL600NPDLBP | Push Rod Operated Without Housing (with protection cover) - Bulk Pack | Normal Action   | 1NO+1NC | 270                 |
| SL603       | Aluminum Housing with Normal Roller Lever Actuator with IP65          | Snap Action     | 1NO+1NC | 795                 |
| SL605       | Aluminum Housing with 38mm Rotating Roller Lever Assembly             | Snap Action     | 1NO+1NC | 1495                |
| SL609       | Aluminum Housing with Short Lever Roller Actuator with IP43           | Snap Action     | 1NO+1NC | 790                 |



SL709



SL705

SL 700 Series

| Cat No. | Description                                                  | Contact Details |         | MRP (₹)<br>Per Unit |
|---------|--------------------------------------------------------------|-----------------|---------|---------------------|
|         |                                                              |                 |         |                     |
| SL702   | Top Push Roller Spring Return                                | Snap Action     | 1NO+1NC | 1495                |
| SL705   | 38mm Long, Rotating Roller Lever Spring Return               | Snap Action     | 1NO+1NC | 1620                |
| SL7061  | Nylon Catwhisker Spring Return                               | Snap Action     | 1NO+1NC | 1410                |
| SL708   | 76mm long Rotating Roller Lever Spring Return                | Snap Action     | 1NO+1NC | 1620                |
| SL709   | Rotating Adjustable Roller Lever (32mm-82.5mm) Spring Return | Snap Action     | 1NO+1NC | 1620                |

LIMIT SWITCHES



SL1500-1A



SL1503-1AR

SL 1500 Series

| Cat No.   | Description                                            | Contact Details |         | MRP (₹)<br>Per Unit |
|-----------|--------------------------------------------------------|-----------------|---------|---------------------|
|           |                                                        |                 |         |                     |
| SL15001A  | Only Contact Block Without Operator                    | Snap Action     | 1NO+1NC | 560                 |
| SL15022AH | Top Push Roller Operator Horizontal IP 65 from the Top | Snap Action     | 2NO+2NC | 965                 |
| SL15031AR | Roller Lever Operator Right Hand Mounting              | Snap Action     | 1NO+1NC | 730                 |
| SL15032AR |                                                        | Snap Action     | 2NO+2NC | 940                 |

Note: 1A - 1NO+1NC : 2AH - 2NO+2NC Horizontal operations  
1AR - 1NO+1NC, Right Hand Mounting  
2AR - 2NO+2NC, Right Hand Mounting

# Plug & Socket (8536)

- 16 Amps - 125 Amps with IP44 & IP67
- 200 Amps - 400 Amps with IP67
- Combination Socket Box & Mobile Combination Socket
- SCHUKO Plug & Sockets
- Socket with switch & Mechanical Interlock
- 20V- 50V Low voltage plug & socket

| Protection Type | Rating AMP | No of Poles | 230V<br>50 & 60 Hz | 400V<br>50 & 60 Hz | MRP (₹)<br>Per Unit |
|-----------------|------------|-------------|--------------------|--------------------|---------------------|
|                 |            |             | Part Number        | Part Number        |                     |



## Connectors

|       |    |       |              |              |      |
|-------|----|-------|--------------|--------------|------|
| IP 44 | 16 | 2+E   | IP01634-510  |              | 646  |
| IP 44 | 16 | 3+E   |              | IP01644-514  | 753  |
| IP 44 | 16 | 3+N+E |              | IP01654-5    | 762  |
| IP 44 | 32 | 2+E   | IP03234-522  |              | 927  |
| IP 44 | 32 | 3+E   |              | IP03244-526  | 1085 |
| IP 44 | 32 | 3+N+E |              | IP03254-6    | 1158 |
| IP 44 | 63 | 2+E   | IP06334-1237 |              | 4385 |
| IP 44 | 63 | 3+E   |              | IP06344-1241 | 4696 |
| IP 44 | 63 | 3+N+E |              | IP06354-1245 | 4959 |



## Plugs

|       |    |       |              |              |      |
|-------|----|-------|--------------|--------------|------|
| IP 44 | 16 | 2+E   | IP01634-248  |              | 449  |
| IP 44 | 16 | 3+E   |              | IP01644-252  | 581  |
| IP 44 | 16 | 3+N+E |              | IP01654-3    | 596  |
| IP 44 | 32 | 2+E   | IP03234-260  |              | 716  |
| IP 44 | 32 | 3+E   |              | IP03244-264  | 833  |
| IP 44 | 32 | 3+N+E |              | IP03254-4    | 931  |
| IP 44 | 63 | 2+E   | IP06334-1227 |              | 3024 |
| IP 44 | 63 | 3+E   |              | IP06344-1231 | 3969 |
| IP 44 | 63 | 3+N+E |              | IP06354-1235 | 4200 |



## Panel Mounted Socket, Straight

|       |    |       |              |              |      |
|-------|----|-------|--------------|--------------|------|
| IP 44 | 16 | 2+E   | IP01634-1366 |              | 547  |
| IP 44 | 16 | 3+E   |              | IP01644-1390 | 794  |
| IP 44 | 16 | 3+N+E |              | IP01654-1385 | 801  |
| IP 44 | 32 | 2+E   | IP03234-1395 |              | 879  |
| IP 44 | 32 | 3+E   |              | IP03244-1399 | 1014 |
| IP 44 | 32 | 3+N+E |              | IP03254-3451 | 1057 |
| IP 44 | 63 | 2+E   | IP06334-1261 |              | 3239 |
| IP 44 | 63 | 3+E   |              | IP06344-1248 | 3605 |
| IP 44 | 63 | 3+N+E |              | IP06354-1252 | 4166 |



## Panel Mounted Socket, Angled

|       |    |       |              |              |      |
|-------|----|-------|--------------|--------------|------|
| IP 44 | 16 | 2+E   | IP01634-1463 |              | 547  |
| IP 44 | 16 | 3+E   |              | IP01644-1467 | 794  |
| IP 44 | 16 | 3+N+E |              | IP01654-1473 | 801  |
| IP 44 | 32 | 2+E   | IP03234-1492 |              | 879  |
| IP 44 | 32 | 3+E   |              | IP03244-1496 | 1014 |
| IP 44 | 32 | 3+N+E |              | IP03254-1500 | 1057 |
| IP 44 | 63 | 2+E   | IP06334-1147 |              | 3239 |
| IP 44 | 63 | 3+E   |              | IP06344-1151 | 3605 |
| IP 44 | 63 | 3+N+E |              | IP06354-1155 | 4166 |



## Wall Mounted Socket

|       |    |       |              |              |      |
|-------|----|-------|--------------|--------------|------|
| IP 44 | 16 | 2+E   | IP01634-101  |              | 1066 |
| IP 44 | 16 | 3+E   |              | IP01644-105  | 1317 |
| IP 44 | 16 | 3+N+E |              | IP01654-111  | 1483 |
| IP 44 | 32 | 2+E   | IP03234-1421 |              | 1853 |
| IP 44 | 32 | 3+E   |              | IP03244-1425 | 2005 |
| IP 44 | 32 | 3+N+E |              | IP03254-1557 | 2194 |
| IP 44 | 63 | 2+E   | IP06334-1137 |              | 4319 |
| IP 44 | 63 | 3+E   |              | IP06344-1141 | 4691 |
| IP 44 | 63 | 3+N+E |              | IP06354-1145 | 5249 |

|  | Protection Type | Rating AMP | No of Poles | 230V<br>50 & 60 Hz | 400V<br>50 & 60 Hz | MRP (₹)<br>Per Unit |
|--|-----------------|------------|-------------|--------------------|--------------------|---------------------|
|  |                 |            |             | Part Number        | Part Number        |                     |

|                                                                                   |                             |       |    |       |              |              |      |
|-----------------------------------------------------------------------------------|-----------------------------|-------|----|-------|--------------|--------------|------|
|  | <b>Panel Mounted Inlets</b> | IP 44 | 16 | 2+E   | IP01634-812  |              | 623  |
|                                                                                   |                             | IP 44 | 16 | 3+E   |              | IP01644-813  | 713  |
|                                                                                   |                             | IP 44 | 16 | 3+N+E |              | IP01654-815  | 794  |
|                                                                                   |                             | IP 44 | 32 | 2+E   | IP03234-817  |              | 888  |
|                                                                                   |                             | IP 44 | 32 | 3+E   |              | IP03244-819  | 1008 |
|                                                                                   |                             | IP 44 | 32 | 3+N+E |              | IP03254-821  | 1166 |
|                                                                                   |                             | IP 44 | 63 | 2+E   | IP06334-1981 |              | 2997 |
|                                                                                   |                             | IP 44 | 63 | 3+E   |              | IP06344-1982 | 3520 |
|                                                                                   |                             | IP 44 | 63 | 3+N+E |              | IP06354-1688 | 4042 |

|                                                                                    |                            |       |    |       |             |              |      |
|------------------------------------------------------------------------------------|----------------------------|-------|----|-------|-------------|--------------|------|
|  | <b>Wall Mounted Inlets</b> | IP 44 | 16 | 2+E   | IP01634-332 |              | 1187 |
|                                                                                    |                            | IP 44 | 16 | 3+E   |             | IP01644-336  | 1463 |
|                                                                                    |                            | IP 44 | 16 | 3+N+E |             | IP01654-342  | 1648 |
|                                                                                    |                            | IP 44 | 32 | 2+E   | IP03234-344 |              | 2061 |
|                                                                                    |                            | IP 44 | 32 | 3+E   |             | IP03244-348  | 2234 |
|                                                                                    |                            | IP 44 | 32 | 3+N+E |             | IP03254-354  | 2435 |
|                                                                                    |                            | IP 44 | 63 | 2+E   | IP06334-606 |              | 4800 |
|                                                                                    |                            | IP 44 | 63 | 3+E   |             | IP06344-3607 | 5209 |
|                                                                                    |                            | IP 44 | 63 | 3+N+E |             | IP06354-3608 | 5834 |

|                                                                                     |                                                     |       |    |       |              |              |       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|-------|----|-------|--------------|--------------|-------|
|  | <b>Wall Mounted Socket, Switched with Interlock</b> | IP 44 | 16 | 2+E   | IP01634-7002 |              | 5952  |
|                                                                                     |                                                     | IP 44 | 16 | 3+E   |              | IP01644-5100 | 7936  |
|                                                                                     |                                                     | IP 44 | 16 | 3+N+E |              | IP01654-5103 | 9259  |
|                                                                                     |                                                     | IP 44 | 32 | 2+E   | IP03234-5696 |              | 9589  |
|                                                                                     |                                                     | IP 44 | 32 | 3+E   |              | IP03244-5105 | 9920  |
|                                                                                     |                                                     | IP 44 | 32 | 3+N+E |              | IP03254-5108 | 10912 |
|                                                                                     |                                                     | IP 44 | 63 | 2+E   | IP06334-6571 |              | 14896 |
|                                                                                     |                                                     | IP 44 | 63 | 3+E   |              | IP06344-5956 | 15452 |
|                                                                                     |                                                     | IP 44 | 63 | 3+N+E |              | IP06354-5959 | 19838 |

|                                                                                     |                                                     |       |    |       |              |              |      |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|-------|----|-------|--------------|--------------|------|
|  | <b>Wall Mounted Socket, Switched with Interlock</b> | IP 44 | 16 | 2+E   | IP01634-7274 |              | 5001 |
|                                                                                     |                                                     | IP 44 | 16 | 3+E   |              | IP01644-7275 | 5291 |
|                                                                                     |                                                     | IP 44 | 16 | 3+N+E |              | IP01654-7276 | 6283 |

## Plug & Socket (8536)

|  | Protection Type | Rating AMP | No of Poles | 230V<br>50 & 60 Hz | 400V<br>50 & 60 Hz | MRP (₹)<br>Per Unit |
|--|-----------------|------------|-------------|--------------------|--------------------|---------------------|
|  |                 |            |             | Part Number        | Part Number        |                     |



|            |       |     |       |              |              |       |
|------------|-------|-----|-------|--------------|--------------|-------|
| Connectors | IP 67 | 16  | 2+E   | IP01636-540  |              | 1455  |
|            | IP 67 | 16  | 3+E   |              | IP01646-544  | 1705  |
|            | IP 67 | 16  | 3+N+E |              | IP01656-550  | 1705  |
|            | IP 67 | 32  | 2+E   | IP03236-552  |              | 1985  |
|            | IP 67 | 32  | 3+E   |              | IP03246-556  | 2101  |
|            | IP 67 | 32  | 3+N+E |              | IP03256-562  | 2101  |
|            | IP 67 | 63  | 2+E   | IP06336-1574 |              | 4762  |
|            | IP 67 | 63  | 3+E   |              | IP06346-1117 | 5156  |
|            | IP 67 | 63  | 3+N+E |              | IP06356-1121 | 5721  |
|            | IP 67 | 125 | 2+E   | IP12536-3390 |              | 13225 |
|            | IP 67 | 125 | 3+E   |              | IP12546-1450 | 13556 |
|            | IP 67 | 125 | 3+N+E |              | IP12556-1454 | 14878 |



Plugs

|       |     |       |              |              |       |
|-------|-----|-------|--------------|--------------|-------|
| IP 67 | 16  | 2+E   | IP01636-278  |              | 563   |
| IP 67 | 16  | 3+E   |              | IP01646-282  | 1324  |
| IP 67 | 16  | 3+N+E |              | IP01656-288  | 1355  |
| IP 67 | 32  | 2+E   | IP03236-290  |              | 1588  |
| IP 67 | 32  | 3+E   |              | IP03246-294  | 1654  |
| IP 67 | 32  | 3+N+E |              | IP03256-300  | 1654  |
| IP 67 | 63  | 2+E   | IP06336-1571 |              | 4184  |
| IP 67 | 63  | 3+E   |              | IP06346-1110 | 4710  |
| IP 67 | 63  | 3+N+E |              | IP06356-1114 | 4959  |
| IP 67 | 125 | 2+E   | IP12536-3400 |              | 9920  |
| IP 67 | 125 | 3+E   |              | IP12546-1443 | 12896 |
| IP 67 | 125 | 3+N+E |              | IP12556-1447 | 13225 |



|                                   |       |     |       |              |              |       |
|-----------------------------------|-------|-----|-------|--------------|--------------|-------|
| Panel Mounted Socket,<br>Straight | IP 67 | 16  | 2+E   | IP01636-218  |              | 1158  |
|                                   | IP 67 | 16  | 3+E   |              | IP01646-222  | 1258  |
|                                   | IP 67 | 16  | 3+N+E |              | IP01656-228  | 1324  |
|                                   | IP 67 | 32  | 2+E   | IP03236-230  |              | 1455  |
|                                   | IP 67 | 32  | 3+E   |              | IP03246-234  | 1621  |
|                                   | IP 67 | 32  | 3+N+E |              | IP03256-240  | 1621  |
|                                   | IP 67 | 63  | 2+E   | IP06336-1264 |              | 3969  |
|                                   | IP 67 | 63  | 3+E   |              | IP06346-1124 | 4592  |
|                                   | IP 67 | 63  | 3+N+E |              | IP06356-1128 | 4630  |
|                                   | IP 67 | 125 | 2+E   | IP12536-3380 |              | 9920  |
|                                   | IP 67 | 125 | 3+E   |              | IP12546-1457 | 14548 |
|                                   | IP 67 | 125 | 3+N+E |              | IP12556-1461 | 14878 |



**Panel Mounted Socket, Angled**

|       |     |       |              |              |       |
|-------|-----|-------|--------------|--------------|-------|
| IP 67 | 16  | 2+E   | IP01636-1475 |              | 1158  |
| IP 67 | 16  | 3+E   |              | IP06356-1479 | 1258  |
| IP 67 | 16  | 3+N+E |              | IP01656-1485 | 1324  |
| IP 67 | 32  | 2+E   | IP03236-1502 |              | 1455  |
| IP 67 | 32  | 3+E   |              | IP03246-1506 | 1621  |
| IP 67 | 32  | 3+N+E |              | IP03256-1551 | 1621  |
| IP 67 | 63  | 2+E   | IP06336-2180 |              | 3969  |
| IP 67 | 63  | 3+E   |              | IP06346-205  | 4592  |
| IP 67 | 63  | 3+N+E |              | IP06356-209  | 4630  |
| IP 67 | 125 | 2+E   | IP12536-3575 |              | 9920  |
| IP 67 | 125 | 3+E   |              | IP12546-212  | 14548 |
| IP 67 | 125 | 3+N+E |              | IP12556-216  | 14878 |

|                                                                                     |                      |       |              | Protection Type                                                                     | Rating AMP                                   | No of Poles | 230V<br>50 & 60 Hz | 400V<br>50 & 60 Hz | MRP (₹)<br>Per Unit |
|-------------------------------------------------------------------------------------|----------------------|-------|--------------|-------------------------------------------------------------------------------------|----------------------------------------------|-------------|--------------------|--------------------|---------------------|
|                                                                                     |                      |       |              |                                                                                     |                                              |             | Part Number        | Part Number        |                     |
|    | Wall Mounted Socket  |       |              | IP 67                                                                               | 16                                           | 2+E         | IP01636-1192       |                    | 1639                |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+E         |                    | IP01646-1196       | 1885                |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+N+E       |                    | IP01656-1200       | 1919                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 2+E         | IP03236-1202       |                    | 2117                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+E         |                    | IP03246-1206       | 2314                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+N+E       |                    | IP03256-1210       | 2314                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 2+E         | IP06336-128        |                    | 4728                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+E         |                    | IP06346-132        | 5092                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+N+E       |                    | IP06356-136        | 5939                |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 2+E         | IP12536-1381       |                    | 13060               |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 3+E         |                    | IP12546-139        | 14548               |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 3+N+E       |                    | IP12556-143        | 16202               |
|   | Panel Mounted Inlets |       |              | IP 67                                                                               | 16                                           | 2+E         | IP01636-826        |                    | 794                 |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+E         |                    | IP01646-827        | 912                 |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+N+E       |                    | IP01656-829        | 1015                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 2+E         | IP03236-831        |                    | 1158                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+E         |                    | IP03246-832        | 1290                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+N+E       |                    | IP03256-834        | 1488                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 2+E         | IP06336-836        |                    | 3292                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+E         |                    | IP06346-3656       | 3821                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+N+E       |                    | IP06356-3658       | 4350                |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 2+E         | IP12536-3665       |                    | 7176                |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 3+E         |                    | IP12546-3583       | 8564                |
|                                                                                     |                      |       |              | IP 67                                                                               | 125                                          | 3+N+E       |                    | IP12556-1983       | 9936                |
|  | Wall Mounted Inlets  |       |              | IP 67                                                                               | 16                                           | 2+E         | IP01636-1003       |                    | 1621                |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+E         |                    | IP01646-1004       | 1738                |
|                                                                                     |                      |       |              | IP 67                                                                               | 16                                           | 3+N+E       |                    | IP01656-1005       | 1985                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 2+E         | IP03236-1006       |                    | 2348                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+E         |                    | IP03246-1007       | 2513                |
|                                                                                     |                      |       |              | IP 67                                                                               | 32                                           | 3+N+E       |                    | IP03256-1008       | 2762                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 2+E         | IP06336-1107       |                    | 5258                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+E         |                    | IP06346-357        | 5672                |
|                                                                                     |                      |       |              | IP 67                                                                               | 63                                           | 3+N+E       |                    | IP06356-361        | 6613                |
|                                                                                     |                      |       |              |  | Wall Mounted Socket, Switched with Interlock |             |                    | IP 67              | 16                  |
| IP 67                                                                               | 16                   | 3+E   |              |                                                                                     |                                              |             |                    | IP01646-5600       | 8927                |
| IP 67                                                                               | 16                   | 3+N+E |              |                                                                                     |                                              |             |                    | IP01656-5603       | 11242               |
| IP 67                                                                               | 32                   | 2+E   | IP03236-5793 |                                                                                     |                                              |             |                    |                    | 11242               |
| IP 67                                                                               | 32                   | 3+E   |              |                                                                                     |                                              |             |                    | IP03246-5605       | 12234               |
| IP 67                                                                               | 32                   | 3+N+E |              |                                                                                     |                                              |             |                    | IP03256-5608       | 14548               |
| IP 67                                                                               | 63                   | 2+E   | IP06336-5911 |                                                                                     |                                              |             |                    |                    | 16530               |
| IP 67                                                                               | 63                   | 3+E   |              |                                                                                     |                                              |             |                    | IP06346-5110       | 19012               |
| IP 67                                                                               | 63                   | 3+N+E |              |                                                                                     |                                              |             |                    | IP06356-5113       | 24796               |

Plug & Socket (8536)

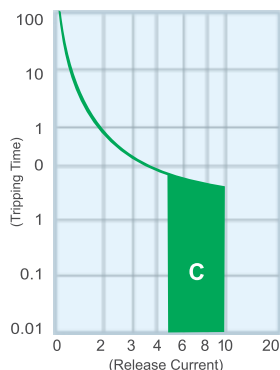
|                                                                                     |                                                 |       |    | Protection Type | Rating AMP    | No of Poles | 230V<br>50 & 60 Hz | 400V<br>50 & 60 Hz | MRP (₹)<br>Per Unit |
|-------------------------------------------------------------------------------------|-------------------------------------------------|-------|----|-----------------|---------------|-------------|--------------------|--------------------|---------------------|
|                                                                                     |                                                 |       |    |                 |               |             | Part Number        | Part Number        |                     |
|    | Wall Mounted Socket,<br>Switched with Interlock | IP 67 | 16 | 2+E             | IP01636-7278  |             |                    |                    | 7606                |
|                                                                                     |                                                 | IP 67 | 16 | 3+E             |               |             | IP01646-7279       |                    | 7936                |
|                                                                                     |                                                 | IP 67 | 16 | 3+N+E           |               |             | IP01656-7280       |                    | 9589                |
|   | Schuko Plug                                     | IP 54 | 16 | 2+E             | IP01635-10838 |             |                    |                    | 398                 |
|  | Schuko Connector                                | IP 54 | 16 | 2+E             | IP01635-10843 |             |                    |                    | 518                 |
|  | Schuko Panel<br>Mounted Socket                  | IP 54 | 16 | 2+E             | IP01635-11031 |             |                    |                    | 431                 |

- MCB's are offered in various current ratings from 0.5A to 63 Amps
- Single pole, Single pole with Neutral, Double & Triple pole, Triple pole with Neutral & Four pole, with **10KA Short Circuit rating in B & C Curve** with **CE** Mark.
- **Isolators** offered from 32A to 63Amps in Double pole, Triple pole & Four pole

IS/IEC 60898-1



CM/L - 6500091714



Miniature Circuit Breakers are intended to provide protection against overloads and short circuits, which can cause damage to cables & equipment. MCB's are offered in various current ratings & configurations as below. When current in a circuit exceeds the rating of the MCB the Thermal Bi-Metallic element gets heated & initiates the tripping action. Higher the overload faster the MCB trips.

Magnetic element initiates a rapid tripping action in less than  $1/10^{\text{th}}$  of a second on sensing higher fault currents. Typically C type MCB's trips above 5 to 10 times the rated current and are mainly used where loads are Inductive & Resistive. MCB's can withstand & clear fault currents upto 10KA.

### Single Pole MCB C Curve

| Rating | Description         | STD.Pack | Cat No   | MRP (₹) Per Unit |
|--------|---------------------|----------|----------|------------------|
| 1      | 1A Single Pole MCB  | 1/12/144 | MXSPC001 | 390              |
| 2      | 2A Single Pole MCB  | 1/12/144 | MXSPC002 | 390              |
| 3      | 3A Single Pole MCB  | 1/12/144 | MXSPC003 | 390              |
| 4      | 4A Single Pole MCB  | 1/12/144 | MXSPC004 | 390              |
| 6      | 6A Single Pole MCB  | 1/12/144 | MXSPC006 | 240              |
| 10     | 10A Single Pole MCB | 1/12/144 | MXSPC100 | 240              |
| 16     | 16A Single Pole MCB | 1/12/144 | MXSPC160 | 240              |
| 20     | 20A Single Pole MCB | 1/12/144 | MXSPC200 | 240              |
| 25     | 25A Single Pole MCB | 1/12/144 | MXSPC250 | 240              |
| 32     | 32A Single Pole MCB | 1/12/144 | MXSPC320 | 240              |
| 40     | 40A Single Pole MCB | 1/12/144 | MXSPC400 | 485              |
| 63     | 63A Single Pole MCB | 1/12/144 | MXSPC630 | 485              |



### Double Pole MCB C Curve

| Rating | Description         | STD.Pack | Cat No   | MRP (₹) Per Unit |
|--------|---------------------|----------|----------|------------------|
| 1      | 1A Double Pole MCB  | 1/6/72   | MXDPC001 | 999              |
| 2      | 2A Double Pole MCB  | 1/6/72   | MXDPC002 | 999              |
| 3      | 3A Double Pole MCB  | 1/6/72   | MXDPC003 | 999              |
| 4      | 4A Double Pole MCB  | 1/6/72   | MXDPC004 | 999              |
| 6      | 6A Double Pole MCB  | 1/6/72   | MXDPC006 | 715              |
| 10     | 10A Double Pole MCB | 1/6/72   | MXDPC100 | 715              |
| 16     | 16A Double Pole MCB | 1/6/72   | MXDPC160 | 715              |
| 20     | 20A Double Pole MCB | 1/6/72   | MXDPC200 | 715              |
| 25     | 25A Double Pole MCB | 1/6/72   | MXDPC250 | 715              |
| 32     | 32A Double Pole MCB | 1/6/72   | MXDPC320 | 715              |
| 40     | 40A Double Pole MCB | 1/6/72   | MXDPC400 | 1035             |
| 63     | 63A Double Pole MCB | 1/6/72   | MXDPC630 | 1160             |



Triple Pole MCB C Curve



| Rating | Description         | STD.Pack | Cat No   | MRP (₹)<br>Per Unit |
|--------|---------------------|----------|----------|---------------------|
| 1      | 1A Triple Pole MCB  | 1/4/48   | MXTPC001 | 1490                |
| 2      | 2A Triple Pole MCB  | 1/4/48   | MXTPC002 | 1490                |
| 3      | 3A Triple Pole MCB  | 1/4/48   | MXTPC003 | 1490                |
| 4      | 4A Triple Pole MCB  | 1/4/48   | MXTPC004 | 1490                |
| 6      | 6A Triple Pole MCB  | 1/4/48   | MXTPC006 | 1155                |
| 10     | 10A Triple Pole MCB | 1/4/48   | MXTPC100 | 1155                |
| 16     | 16A Triple Pole MCB | 1/4/48   | MXTPC160 | 1155                |
| 20     | 20A Triple Pole MCB | 1/4/48   | MXTPC200 | 1155                |
| 25     | 25A Triple Pole MCB | 1/4/48   | MXTPC250 | 1155                |
| 32     | 32A Triple Pole MCB | 1/4/48   | MXTPC320 | 1155                |
| 40     | 40A Triple Pole MCB | 1/4/48   | MXTPC400 | 1710                |
| 63     | 63A Triple Pole MCB | 1/4/48   | MXTPC630 | 1830                |

Four Pole MCB C Curve



| Rating | Description       | STD.Pack | Cat No   | MRP (₹)<br>Per Unit |
|--------|-------------------|----------|----------|---------------------|
| 1      | 1A Four Pole MCB  | 1/3/36   | MXFPC001 | 1895                |
| 2      | 2A Four Pole MCB  | 1/3/36   | MXFPC002 | 1895                |
| 3      | 3A Four Pole MCB  | 1/3/36   | MXFPC003 | 1895                |
| 4      | 4A Four Pole MCB  | 1/3/36   | MXFPC004 | 1895                |
| 6      | 6A Four Pole MCB  | 1/3/36   | MXFPC006 | 1600                |
| 10     | 10A Four Pole MCB | 1/3/36   | MXFPC100 | 1600                |
| 16     | 16A Four Pole MCB | 1/3/36   | MXFPC160 | 1600                |
| 20     | 20A Four Pole MCB | 1/3/36   | MXFPC200 | 1600                |
| 25     | 25A Four Pole MCB | 1/3/36   | MXFPC250 | 1600                |
| 32     | 32A Four Pole MCB | 1/3/36   | MXFPC320 | 1600                |
| 40     | 40A Four Pole MCB | 1/3/36   | MXFPC400 | 2220                |
| 63     | 63A Four Pole MCB | 1/3/36   | MXFPC630 | 2370                |



Motor Load & Industrial Applications



Domestic & Commercial Applications

MCB - UL

Branch Protector

Supplementary Protector

- 10 KA Short Circuit Rating
  - High performance
  - Easy installation
  - B,C,D Curve
- Flame retardant and non-toxic
  - Visible Markings
  - Line / Load wiring can be reversible
- Compact
  - Added Safety
  - Captive Screws

1 Pole

| Rating | STD Pack | MRP(₹)Per Unit |        |
|--------|----------|----------------|--------|
|        |          | UL 1077        | UL 489 |
| 0.5A   | 10       | 599            | 792    |
| 1A     | 10       | 599            | 792    |
| 1.6A   | 10       | 599            | 792    |
| 2A     | 10       | 599            | 792    |
| 3A     | 10       | 599            | 792    |
| 4A     | 10       | 599            | 792    |
| 5A     | 10       | 599            | 792    |
| 6A     | 10       | 536            | 709    |
| 7A     | 10       | 536            | 709    |
| 8A     | 10       | 536            | 709    |
| 10A    | 10       | 536            | 709    |
| 13A    | 10       | 536            | 709    |
| 15A    | 10       | 536            | 709    |
| 16A    | 10       | 536            | 709    |
| 20A    | 10       | 536            | 709    |
| 25A    | 10       | 536            | 709    |
| 30A    | 10       | 536            | 709    |
| 32A    | 10       | 536            | 709    |
| 40A    | 10       | 563            | 744    |
| 50A    | 10       | 563            | 744    |
| 63A    | 10       | 563            | 744    |

1+N Pole

| Rating | STD Pack | MRP(₹)Per Unit |        |
|--------|----------|----------------|--------|
|        |          | UL 1077        | UL 489 |
| 0.5A   | 6        | 1165           | 1538   |
| 1A     | 6        | 1165           | 1538   |
| 1.6A   | 6        | 1165           | 1538   |
| 2A     | 6        | 1165           | 1538   |
| 3A     | 6        | 1165           | 1538   |
| 4A     | 6        | 1165           | 1538   |
| 5A     | 6        | 1165           | 1538   |
| 6A     | 6        | 1037           | 1375   |
| 7A     | 6        | 1037           | 1375   |
| 8A     | 6        | 1037           | 1375   |
| 10A    | 6        | 1037           | 1375   |
| 13A    | 6        | 1037           | 1375   |
| 15A    | 6        | 1037           | 1375   |
| 16A    | 6        | 1037           | 1375   |
| 20A    | 6        | 1037           | 1375   |
| 25A    | 6        | 1037           | 1375   |
| 30A    | 6        | 1037           | 1375   |
| 32A    | 6        | 1037           | 1375   |
| 40A    | 6        | 1088           | 1443   |
| 50A    | 6        | 1088           | 1443   |
| 63A    | 6        | 1088           | 1443   |



\* Same Price B,C,D Curve

2 Pole



| Rating | STD Pack | MRP(₹)Per Unit |        |
|--------|----------|----------------|--------|
|        |          | UL 1077        | UL 489 |
| 0.5A   | 6        | 1199           | 1583   |
| 1A     | 6        | 1199           | 1583   |
| 1.6A   | 6        | 1199           | 1583   |
| 2A     | 6        | 1199           | 1583   |
| 3A     | 6        | 1199           | 1583   |
| 4A     | 6        | 1199           | 1583   |
| 5A     | 6        | 1199           | 1583   |
| 6A     | 6        | 1073           | 1418   |
| 7A     | 6        | 1073           | 1418   |
| 8A     | 6        | 1073           | 1418   |
| 10A    | 6        | 1073           | 1418   |
| 13A    | 6        | 1073           | 1418   |
| 15A    | 6        | 1073           | 1418   |
| 16A    | 6        | 1073           | 1418   |
| 20A    | 6        | 1073           | 1418   |
| 25A    | 6        | 1073           | 1418   |
| 30A    | 6        | 1073           | 1418   |
| 32A    | 6        | 1073           | 1418   |
| 40A    | 6        | 1125           | 1487   |
| 50A    | 6        | 1125           | 1487   |
| 63A    | 6        | 1125           | 1487   |



MCB - UL

3 Pole



| Rating | STD Pack | MRP(₹)Per Unit |        |
|--------|----------|----------------|--------|
|        |          | UL 1077        | UL 489 |
| 0.5A   | 4        | 1799           | 2372   |
| 1A     | 4        | 1799           | 2372   |
| 1.6A   | 4        | 1799           | 2372   |
| 2A     | 4        | 1799           | 2372   |
| 3A     | 4        | 1799           | 2372   |
| 4A     | 4        | 1799           | 2372   |
| 5A     | 4        | 1799           | 2372   |
| 6A     | 4        | 1608           | 2130   |
| 7A     | 4        | 1608           | 2130   |
| 8A     | 4        | 1608           | 2130   |
| 10A    | 4        | 1608           | 2130   |
| 13A    | 4        | 1608           | 2130   |
| 15A    | 4        | 1608           | 2130   |
| 16A    | 4        | 1608           | 2130   |
| 20A    | 4        | 1608           | 2130   |
| 25A    | 4        | 1608           | 2130   |
| 30A    | 4        | 1608           | 2130   |
| 32A    | 4        | 1608           | 2130   |
| 40A    | 4        | 1688           | 2230   |
| 50A    | 4        | 1688           | 2230   |
| 63A    | 4        | 1688           | 2230   |

3+N Pole

| Rating | STD Pack | MRP(₹)Per Unit |        |
|--------|----------|----------------|--------|
|        |          | UL 1077        | UL 489 |
| 0.5A   | 3        | 2362           | 3120   |
| 1A     | 3        | 2362           | 3120   |
| 1.6A   | 3        | 2362           | 3120   |
| 2A     | 3        | 2362           | 3120   |
| 3A     | 3        | 2362           | 3120   |
| 4A     | 3        | 2362           | 3120   |
| 5A     | 3        | 2362           | 3120   |
| 6A     | 3        | 2109           | 2793   |
| 7A     | 3        | 2109           | 2793   |
| 8A     | 3        | 2109           | 2793   |
| 10A    | 3        | 2109           | 2793   |
| 13A    | 3        | 2109           | 2793   |
| 15A    | 3        | 2109           | 2793   |
| 16A    | 3        | 2109           | 2793   |
| 20A    | 3        | 2109           | 2793   |
| 25A    | 3        | 2109           | 2793   |
| 30A    | 3        | 2109           | 2793   |
| 32A    | 3        | 2109           | 2793   |
| 40A    | 3        | 2212           | 2930   |
| 50A    | 3        | 2212           | 2930   |
| 63A    | 3        | 2212           | 2930   |

Note : Accessories available on request, Contact Head Office



- Range : 25A to 63A
- Precise sensitive range 30mA to 300mA
  - 2 Pole and 4 Pole Available
  - Suitable for Isolation
  - Protection Degree - IP 20

RCCB

Two Pole RCCB



| Rating | Description          | STD.Pack | Cat No    | MRP (₹) Per Unit |
|--------|----------------------|----------|-----------|------------------|
| 30mA   | RCCB 25A Double Pole | 72       | RXD030250 | 2665             |
| 30mA   | RCCB 40A Double Pole | 72       | RXD030400 | 2770             |
| 30mA   | RCCB 63A Double Pole | 72       | RXD030630 | 2930             |
| 100mA  | RCCB 25A Double Pole | 72       | RXD100250 | 2665             |
| 100mA  | RCCB 40A Double Pole | 72       | RXD100400 | 2770             |
| 100mA  | RCCB 63A Double Pole | 72       | RXD100630 | 2930             |
| 300mA  | RCCB 25A Double Pole | 72       | RXD300250 | 2665             |
| 300mA  | RCCB 40A Double Pole | 72       | RXD300400 | 2770             |
| 300mA  | RCCB 63A Double Pole | 72       | RXD300630 | 2930             |

Four Pole RCCB



| Rating | Description        | STD.Pack | Cat No    | MRP (₹) Per Unit |
|--------|--------------------|----------|-----------|------------------|
| 30mA   | RCCB 25A Four Pole | 36       | RXF030250 | 2825             |
| 30mA   | RCCB 40A Four Pole | 36       | RXF030400 | 2985             |
| 30mA   | RCCB 63A Four Pole | 36       | RXF030630 | 3200             |
| 100mA  | RCCB 25A Four Pole | 36       | RXF100250 | 2825             |
| 100mA  | RCCB 40A Four Pole | 36       | RXF100400 | 2985             |
| 100mA  | RCCB 63A Four Pole | 36       | RXF100630 | 3200             |
| 300mA  | RCCB 25A Four Pole | 36       | RXF300250 | 2825             |
| 300mA  | RCCB 40A Four Pole | 36       | RXF300400 | 2985             |
| 300mA  | RCCB 63A Four Pole | 36       | RXF300630 | 3200             |

# DC MCB IEC 60947-2

- DC MCB : 6KA as per IEC 60947-2
- 1 Pole 250V DC, 2 Pole 500V DC & 4 Pole 1000V DC
- (1 Double Pole DC (500 V) MCB) + (1 Double Pole AC MCB) in a Combo Pack
- Provides complete protection for DC and AC sides of solar rooftop installations

## 1 Pole

| Rating | Description                 | STD.Pack | Cat No    | MRP (₹)<br>Per Unit |
|--------|-----------------------------|----------|-----------|---------------------|
| 6      | 6A, Single Pole, DC MCB -C  | 1/10/120 | MXSPDC006 | 430                 |
| 10     | 10A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC100 | 430                 |
| 16     | 16A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC160 | 430                 |
| 20     | 20A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC200 | 430                 |
| 25     | 25A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC250 | 430                 |
| 32     | 32A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC320 | 430                 |
| 40     | 40A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC400 | 450                 |
| 63     | 63A, Single Pole, DC MCB -C | 1/10/120 | MXSPDC630 | 479                 |

## 2 Pole

| Rating | Description                   | STD.Pack | Cat No    | MRP (₹)<br>Per Unit |
|--------|-------------------------------|----------|-----------|---------------------|
| 6      | 6A , Double Pole , DC MCB -C  | 1/6/72   | MXDPDC006 | 875                 |
| 10     | 10A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC100 | 875                 |
| 16     | 16A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC160 | 875                 |
| 20     | 20A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC200 | 875                 |
| 25     | 25A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC250 | 875                 |
| 32     | 32A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC320 | 875                 |
| 40     | 40A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC400 | 1250                |
| 50     | 50A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC500 | 1250                |
| 63     | 63A , Double Pole , DC MCB -C | 1/6/72   | MXDPDC630 | 1250                |

## 4 Pole

| Rating | Description                 | STD.Pack | Cat No    | MRP (₹)<br>Per Unit |
|--------|-----------------------------|----------|-----------|---------------------|
| 6      | 6A , Four Pole, DC MCB -C   | 1/3/36   | MXFPDC006 | 1790                |
| 10     | 10A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC100 | 1790                |
| 16     | 16A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC160 | 1790                |
| 20     | 20A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC200 | 1790                |
| 25     | 25A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC250 | 1790                |
| 32     | 32A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC320 | 1790                |
| 40     | 40A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC400 | 2100                |
| 50     | 50A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC500 | 2100                |
| 63     | 63A , Four Pole , DC MCB -C | 1/3/36   | MXFPDC630 | 2200                |

## Combo Pack



## Solar Combo

| Rating | Description                      | STD.Pack | Cat No     | MRP (₹)<br>Per Unit |
|--------|----------------------------------|----------|------------|---------------------|
| 16+16  | 1 AC 16A DP MCB +1 DC 16A DP MCB | 1/1/36   | MXSCDP1616 | 1315                |
| 25+16  | 1 AC 25A DP MCB +1 DC 16A DP MCB | 1/1/36   | MXSCDP2516 | 1315                |
| 32+16  | 1 AC 32A DP MCB +1 DC 16A DP MCB | 1/1/36   | MXSCDP3216 | 1315                |
| 25+25  | 1 AC 25A DP MCB +1 DC 25A DP MCB | 1/1/36   | MXSCDP2525 | 1315                |
| 32+32  | 1 AC 32A DP MCB +1 DC 32A DP MCB | 1/1/36   | MXSCDP3232 | 1315                |

\*DC Fuse holder available on request

AC

- Standard single chip structure, pluggable
- Consist of varistor and thermal disconnection device
- High discharge capacity, quick response
- Double thermal disconnection devices, provide more reliable protection
- Multifunctional terminals for connection of conductors and busbars
- Green window will change when fault occurs, also provide remote alarm terminal at the same time
- Applicable Standard IEC 61643-1 Switching contact T2-AC

DC

- Pluggable module, easy for installation and maintenance
- High discharge capacity, quick response
- Double thermal disconnection devices, provide more reliable protection
- Multifunctional terminals for connection of conductors and busbars
- Green window will change when fault occurs, also provide remote alarm terminal
- Applicable Standard IEC 61643-1



| Cat No      | Description                 | MRP (₹)<br>Per Unit |
|-------------|-----------------------------|---------------------|
| SPD2P0275AC | SPD, 2P, 275V, AC, Type 2   | 1300                |
| SPD2P0320AC | SPD, 2P, 320V , AC, Type 2  | 1300                |
| SPD2P0600DC | SPD, 2P, 600V, DC, Type 2   | 1300                |
| SPD3P1000DC | SPD, 3P, 1000V , DC, Type 2 | 2370                |
| SPD4P0275AC | SPD, 4P, 275V, AC, Type 2   | 2400                |
| SPD4P0320AC | SPD, 4P, 320V , AC, Type 2  | 2400                |

\*SPD with communication port available on request



Combiner Box

| Cat No   | Description                                                         | MRP (₹)<br>Per Unit |
|----------|---------------------------------------------------------------------|---------------------|
| DBAC6000 | Solar Single Phase ACDB<br>1 to 6kW, with MCB & SPD<br>in Enclosure | 3360                |
| DBDC0500 | Solar DCDB 1 IN 1 OUT<br>500V DC with MCB & SPD,<br>in Enclosure    | 3520                |

\* Empty Enclosure available on request

# Agri Contactors



## 16 Amps (AC3)

| Coil Voltage Band<br>AC 50 Hz | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit | 4 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| 88-120V                       | MS162P00120A  | 1090                | MS163P00120A  | 1245                | MS164P00120A  | 1430                |
| 150-250V                      | MS162P00250A  | 1090                | —             | —                   | —             | —                   |
| 160-240V                      | —             | —                   | MS163P00240A  | 1245                | MS164P00240A  | 1430                |
| 170-280V                      | MS162P00280A  | 1090                | —             | —                   | —             | —                   |
| 266-418V                      | —             | —                   | MS163P00418A  | 1245                | MS164P00418A  | 1430                |
| 308-484V                      | MS162P00484A  | 1090                | MS163P00484A  | 1245                | MS164P00484A  | 1430                |

## 25 Amps (AC3)

| Coil Voltage Band<br>AC 50 Hz | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit | 4 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| 88-120V                       | MS252P00120A  | 1215                | MS253P00120A  | 1426                | MS254P00120A  | 1750                |
| 150-250V                      | MS252P00250A  | 1215                | —             | —                   | —             | —                   |
| 160-240V                      | —             | —                   | MS253P00240A  | 1426                | MS254P00240A  | 1750                |
| 170-280V                      | MS252P00280A  | 1215                | —             | —                   | —             | —                   |
| 266-418V                      | —             | —                   | MS253P00418A  | 1426                | MS254P00418A  | 1750                |
| 308-484V                      | MS252P00484A  | 1215                | MS253P00484A  | 1426                | MS254P00484A  | 1750                |

## 40 Amps (AC3)

| Coil Voltage Band<br>AC 50 Hz | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit | 4 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| 88-120V                       | MS402P00120A  | 1830                | MS403P00120A  | 2215                | MS404P00120A  | 4000                |
| 150-250V                      | MS402P00250A  | 1830                | —             | —                   | —             | —                   |
| 160-240V                      | —             | —                   | MS403P00240A  | 2215                | MS404P00240A  | 4000                |
| 170-280V                      | MS402P00280A  | 1830                | —             | —                   | —             | —                   |
| 266-418V                      | —             | —                   | MS403P00418A  | 2215                | MS404P00418A  | 4000                |
| 308-484V                      | MS402P00484A  | 1830                | MS403P00484A  | 2215                | MS404P00484A  | 4000                |

## Spare Coil Cat code

| Coil Voltage Band<br>AC 50 Hz | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole / 4 Pole<br>Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|---------------|---------------------|---------------------------|---------------------|
| 88-120V                       | MS2P120A      | 530                 | MS4P120A                  | 745                 |
| 150-250V                      | MS2P250A      | 530                 | —                         | —                   |
| 160-240V                      | —             | —                   | MS4P240A                  | 745                 |
| 170-280V                      | MS2P280A      | 530                 | —                         | —                   |
| 266-418V                      | —             | —                   | MS4P418A                  | 745                 |
| 308-484V                      | MS2P484A      | 530                 | MS4P484A                  | 745                 |

## Side Mounted Auxiliary Contact Code

| Sl.No | Cat No | Configuration | MRP (₹)<br>Per Unit |
|-------|--------|---------------|---------------------|
| 1     | MSSA11 | 1NO + 1NC     | 440                 |
| 2     | MSSA10 | 1NO           | 325                 |
| 3     | MSSA01 | 1NC           | 325                 |
| 4     | MSSA20 | 2NO           | 440                 |
| 5     | MSSA02 | 2NC           | 440                 |

# Definite Purpose(DP) Contactors

salzer



Salzer H2 Series DP Contactors provide high performance with both flexibility and reliability. They are designed to match numerous applications including:

- Air conditioning
- Pumps
- Resistive heating
- Power supplies
- Welding
- Refrigeration equipment
- Food service equipment
- Motors
- Compressors
- Business machines

## 20 Amps

| Coil Voltage Band<br>AC 50 Hz | 1 Pole with Shunt<br>Cat No | MRP (₹)<br>Per Unit | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|-----------------------------|---------------------|---------------|---------------------|---------------|---------------------|
| 19-26.5V                      | H220S024F5B1                | 600                 | H220B024F5B1  | 800                 | H220C024F5B1  | 1070                |
| 95-132V                       | H220S120F5B1                | 600                 | H220B120F5B1  | 800                 | H220C120F5B1  | 1070                |
| 175-242V                      | H220S220F5B1                | 600                 | H220B220F5B1  | 800                 | H220C220F5B1  | 1070                |
| 220-305V                      | H220S277F5B1                | 600                 | H220B277F5B1  | 800                 | H220C277F5B1  | 1070                |
| 300-455V                      | H220S415F5B1                | 600                 | H220B415F5B1  | 800                 | H220C415F5B1  | 1070                |
| 440-605V                      | H220S550F5B1                | 600                 | H220B550F5B1  | 800                 | H220C550F5B1  | 1070                |

## 25 Amps

| Coil Voltage Band<br>AC 50 Hz | 1 Pole with Shunt<br>Cat No | MRP (₹)<br>Per Unit | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|-----------------------------|---------------------|---------------|---------------------|---------------|---------------------|
| 19-26 5V                      | H225S024F5B1                | 670                 | H225B024F5B1  | 830                 | H225C024F5B1  | 1200                |
| 95-132V                       | H225S120F5B1                | 670                 | H225B124F5B1  | 830                 | H225C120F5B1  | 1200                |
| 175-242V                      | H225S220F5B1                | 670                 | H225B220F5B1  | 830                 | H225C220F5B1  | 1200                |
| 220-305V                      | H225S277F5B1                | 670                 | H225B277F5B1  | 830                 | H225C277F5B1  | 1200                |
| 300-455V                      | H225S415F5B1                | 670                 | H225B415F5B1  | 830                 | H225C415F5B1  | 1200                |
| 440-605V                      | H225S550F5B1                | 670                 | H225B550F5B1  | 830                 | H225C550F5B1  | 1200                |

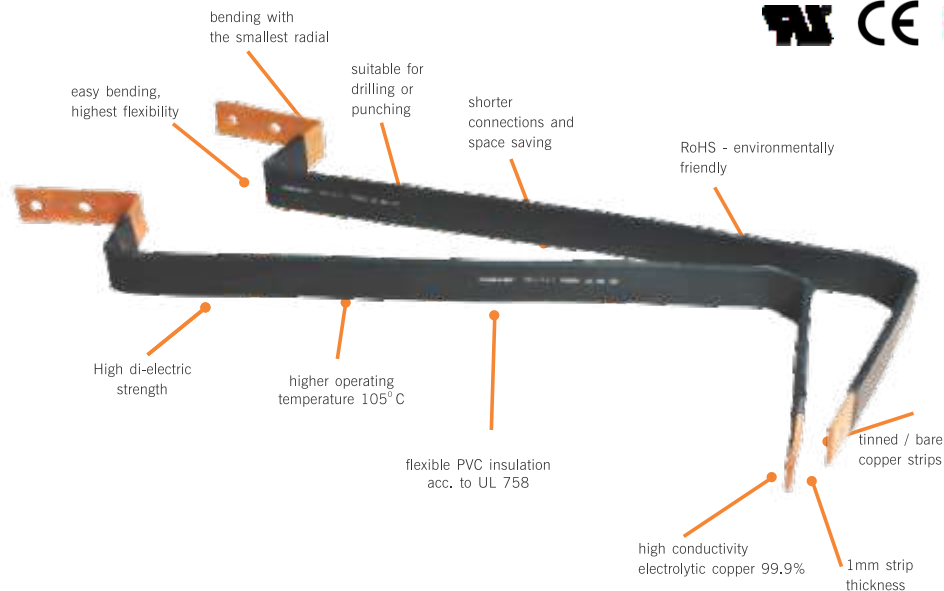
## 32 Amps

| Coil Voltage Band<br>AC 50 Hz | 1 Pole with Shunt<br>Cat No | MRP (₹)<br>Per Unit | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|-----------------------------|---------------------|---------------|---------------------|---------------|---------------------|
| 19-26 5V                      | H232S024F5B1                | 750                 | H232B024F5B1  | 855                 | H232C024F5B1  | 1550                |
| 95-132V                       | H232S120F5B1                | 750                 | H232B120F5B1  | 855                 | H232C120F5B1  | 1550                |
| 175-242V                      | H232S220F5B1                | 750                 | H232B220F5B1  | 855                 | H232C220F5B1  | 1550                |
| 220-305V                      | H232S277F5B1                | 750                 | H232B277F5B1  | 855                 | H232C277F5B1  | 1550                |
| 300-455V                      | H232S415F5B1                | 750                 | H232B415F5B1  | 855                 | H232C415F5B1  | 1550                |
| 440-605V                      | H232S550F5B1                | 750                 | H232B550F5B1  | 855                 | H232C550F5B1  | 1550                |

## 40 Amps

| Coil Voltage Band<br>AC 50 Hz | 1 Pole with Shunt<br>Cat No | MRP (₹)<br>Per Unit | 2 Pole Cat No | MRP (₹)<br>Per Unit | 3 Pole Cat No | MRP (₹)<br>Per Unit |
|-------------------------------|-----------------------------|---------------------|---------------|---------------------|---------------|---------------------|
| 19-26 5V                      | H240S024F5B1                | 1100                | H240B024F5B1  | 1520                | H240C024F5B1  | 1790                |
| 95-132V                       | H240S420F5B1                | 1100                | H240B120F5B1  | 1520                | H240C120F5B1  | 1790                |
| 175-242V                      | H240S220F5B1                | 1100                | H240B220F5B1  | 1520                | H240C220F5B1  | 1790                |
| 220-305V                      | H240S277F5B1                | 1100                | H240B277F5B1  | 1520                | H240C277F5B1  | 1790                |
| 300-455V                      | H240S415F5B1                | 1100                | H240B415F5B1  | 1520                | H240C415F5B1  | 1790                |
| 440-605V                      | H240S550F5B1                | 1100                | H240B550F5B1  | 1520                | H240C550F5B1  | 1790                |

## Features



## Technical Details

| PRODUCT GROUP         | FLEXIBUS                                      |
|-----------------------|-----------------------------------------------|
| Conductor             |                                               |
| Material              | E-Cu 99.9 (Standard) / E-Cu Tinned (Optional) |
| Strip Thickness       | 1mm                                           |
| Hardness              | 65 VPN                                        |
| Insulation            |                                               |
| Material              | Special High Flexible PVC                     |
| Flammability          | UL 94 VO                                      |
| Color                 | Black (Other Colors Optional)                 |
| Thickness             | ≥ 1.6 mm                                      |
| Dielectric Strength   | 20 kv/mm                                      |
| Elongation            | min. 150% - max 300%                          |
| Tensile Strength      | min. 10.3 N m                                 |
| Operating Temperature | - 20 to 105 C                                 |
| Operating Voltage     | 1000 V AC / 1500 V DC                         |
| Dimensions            |                                               |
| Length                | 2000 / 3000 mm (Standard)                     |
| Width                 | 20 - 100 mm                                   |
| Approval              | UL CE                                         |

- Weight and Volume Savings
- Design and Assembly Time Savings
- Aesthetic Appearance
- Safe and Reliable
- Flammability Rating of UL 94VO and also the RoHS Compliant,



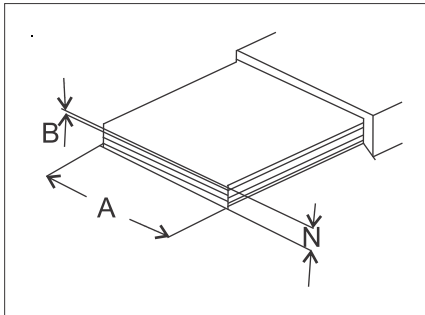
### VOLTAGE RATING

Maximum Continuous Voltage : 1000V AC / 1500V DC

FLEXI BUSBAR is UL recognised (UL 758)

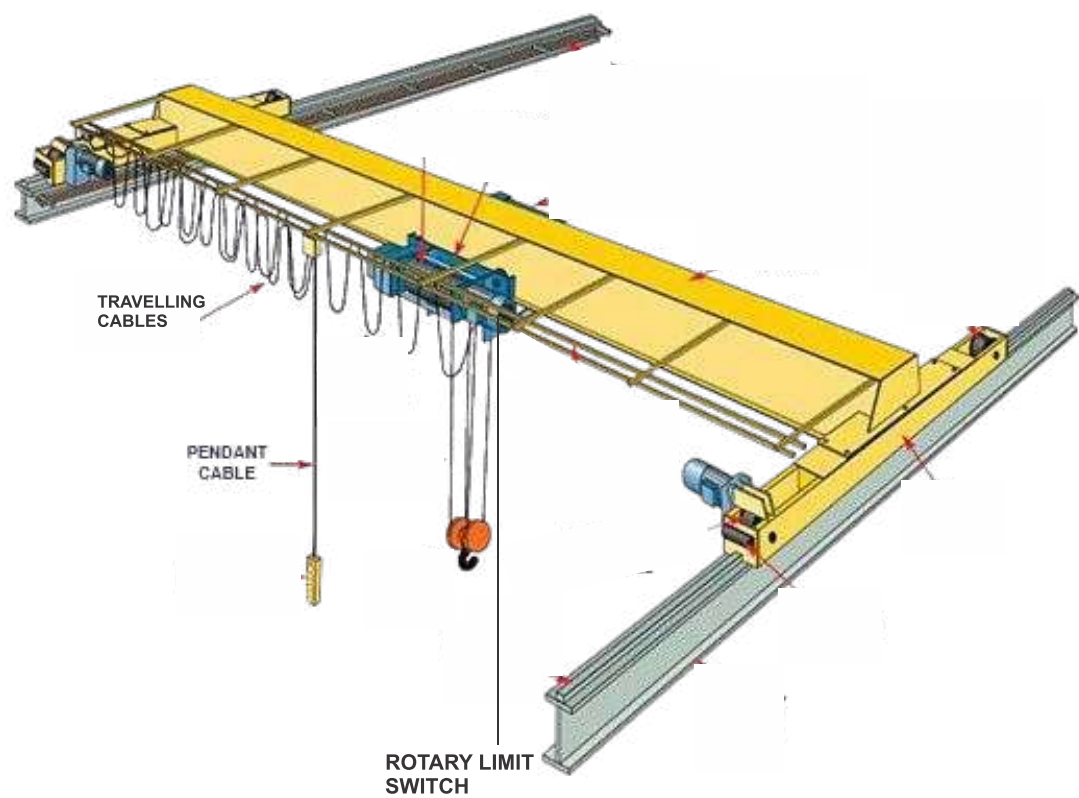
- ON REQUEST :
- LONGER LENGTHS
  - CUSTOMISED FLEXI BUSBAR

## Dimension & Selection table



- 1)  $\Delta T = 90 - 40 = 50K$
- 2) In the 50°C Column, Find the closest current value to FLEXI BUSBAR 5 x 32 x 1 = 160 mm<sup>2</sup>, 640A
- 3) Select FLEXI BUSBAR according to the Terminal within of the Equipment being Connected.

| Nonimal current<br>carrying<br>Capacity | SI No | N  | A   | B | Section<br>mm <sup>2</sup> | Current rating with Temperature<br>co-efficient $\Delta T$ (K) |      |             |      |      |      | Current<br>Coefficient |             |
|-----------------------------------------|-------|----|-----|---|----------------------------|----------------------------------------------------------------|------|-------------|------|------|------|------------------------|-------------|
|                                         |       |    |     |   |                            | 70                                                             | 60   | 50          | 40   | 30   | 20   | 2                      | 3 &<br>More |
| 250 A                                   | 1     | 2  | 20  | 1 | 40                         | 326                                                            | 300  | <b>275</b>  | 246  | 214  | 174  | 1.72                   | 2.25        |
|                                         | 2     | 3  | 20  | 1 | 60                         | 428                                                            | 395  | <b>360</b>  | 323  | 280  | 228  | 1.72                   | 2.25        |
|                                         | 3     | 2  | 24  | 1 | 48                         | 450                                                            | 416  | <b>380</b>  | 340  | 295  | 240  | <b>1.72</b>            | <b>2.25</b> |
| 400 A                                   | 4     | 4  | 20  | 1 | 80                         | 476                                                            | 440  | <b>402</b>  | 360  | 312  | 254  | 1.72                   | 2.25        |
|                                         | 5     | 5  | 20  | 1 | 100                        | 498                                                            | 460  | <b>420</b>  | 376  | 326  | 266  | 1.72                   | 2.25        |
|                                         | 6     | 6  | 20  | 1 | 120                        | 546                                                            | 506  | <b>462</b>  | 416  | 358  | 292  | 1.72                   | 2.25        |
|                                         | 7     | 3  | 24  | 1 | 72                         | 490                                                            | 453  | <b>413</b>  | 370  | 320  | 261  | 1.72                   | 2.25        |
|                                         | 8     | 4  | 24  | 1 | 96                         | 550                                                            | 510  | <b>465</b>  | 416  | 360  | 294  | 1.72                   | 2.25        |
|                                         | 9     | 2  | 32  | 1 | 64                         | 480                                                            | 445  | <b>406</b>  | 363  | 315  | 257  | 1.72                   | 2.25        |
|                                         | 10    | 3  | 32  | 1 | 96                         | 570                                                            | 525  | <b>480</b>  | 430  | 372  | 304  | 1.72                   | 2.25        |
| 500 A                                   | 11    | 6  | 24  | 1 | 144                        | 670                                                            | 620  | <b>566</b>  | 506  | 438  | 358  | 1.72                   | 2.25        |
|                                         | 12    | 5  | 24  | 1 | 120                        | 608                                                            | 563  | <b>514</b>  | 460  | 398  | 325  | 1.72                   | 2.25        |
|                                         | 13    | 4  | 32  | 1 | 128                        | 648                                                            | 600  | <b>548</b>  | 490  | 425  | 347  | 1.72                   | 2.25        |
| 630 A                                   | 14    | 10 | 20  | 1 | 200                        | 762                                                            | 706  | <b>645</b>  | 576  | 500  | 408  | 1.72                   | 2.25        |
|                                         | 15    | 8  | 24  | 1 | 192                        | 802                                                            | 743  | <b>678</b>  | 606  | 525  | 429  | 1.72                   | 2.25        |
|                                         | 16    | 5  | 32  | 1 | 160                        | 758                                                            | 702  | <b>640</b>  | 579  | 496  | 405  | 1.72                   | 2.25        |
|                                         | 17    | 6  | 32  | 1 | 192                        | 846                                                            | 786  | <b>715</b>  | 640  | 555  | 452  | 1.72                   | 2.25        |
|                                         | 18    | 5  | 40  | 1 | 200                        | 900                                                            | 832  | <b>760</b>  | 680  | 590  | 481  | 1.72                   | 2.25        |
| 800 A                                   | 19    | 10 | 24  | 1 | 240                        | 948                                                            | 877  | <b>800</b>  | 716  | 592  | 506  | 1.72                   | 2.25        |
|                                         | 20    | 8  | 32  | 1 | 256                        | 1018                                                           | 943  | <b>860</b>  | 770  | 667  | 544  | 1.72                   | 2.25        |
|                                         | 21    | 5  | 50  | 1 | 250                        | 1100                                                           | 1016 | <b>930</b>  | 830  | 718  | 588  | 1.72                   | 2.25        |
| 1000 A                                  | 22    | 10 | 32  | 1 | 320                        | 1230                                                           | 1140 | <b>1040</b> | 930  | 805  | 658  | 1.72                   | 2.25        |
|                                         | 23    | 10 | 40  | 1 | 400                        | 1400                                                           | 1295 | <b>1181</b> | 1055 | 915  | 747  | 1.72                   | 2.25        |
|                                         | 24    | 8  | 40  | 1 | 320                        | 1230                                                           | 1140 | <b>1040</b> | 930  | 805  | 658  | 1.72                   | 2.25        |
|                                         | 25    | 8  | 50  | 1 | 400                        | 1393                                                           | 1290 | <b>1175</b> | 1050 | 912  | 743  | 1.72                   | 2.25        |
|                                         | 26    | 5  | 63  | 1 | 315                        | 1220                                                           | 1125 | <b>1030</b> | 920  | 797  | 651  | 1.65                   | 2.12        |
|                                         | 27    | 6  | 63  | 1 | 378                        | 1437                                                           | 1330 | <b>1215</b> | 1085 | 941  | 768  | 1.65                   | 2.12        |
|                                         | 28    | 4  | 80  | 1 | 320                        | 1200                                                           | 1110 | <b>1015</b> | 906  | 785  | 642  | 1.65                   | 2.12        |
|                                         | 29    | 5  | 80  | 1 | 400                        | 1390                                                           | 1285 | <b>1175</b> | 1050 | 910  | 743  | 1.65                   | 2.12        |
| 1250 A                                  | 30    | 8  | 63  | 1 | 504                        | 1650                                                           | 1525 | <b>1395</b> | 1245 | 1080 | 882  | 1.65                   | 2.12        |
|                                         | 31    | 6  | 80  | 1 | 480                        | 1627                                                           | 1505 | <b>1375</b> | 1230 | 1065 | 870  | 1.65                   | 2.12        |
| 1600 A                                  | 32    | 8  | 100 | 1 | 800                        | 2147                                                           | 1990 | <b>1815</b> | 1625 | 1405 | 1148 | 1.6                    | 2.02        |



ROTARY LIMIT SWITCH



Ratio: 1:50, 1:100, 1:200 & 1:400  
No. of Poles : 2NO+2NC or 4NO+4NC  
Shaft Size : 12mm  
Protection Degree : IP65  
Rated Voltage : 230V  
Rated Current : 10A

2TY/PENDANT CABLES



Temperature : Upto 70°  
No of Cores : 1.5sq mm x 3,6,10,12,16,18 & 24  
Construction : PVC Insulation, Oil Resistant  
Yellow/Black PVC Jacket  
Supporting Element : Galvanized Round Steel Wire

FLAT TRAVELLING CABLE



Conductor Stranded Copper Wire According to VDE 0295 Class 5 / IEC 60228 Class 5 Insulation PVC T12 According to EN 50363 Part 3 Jacket PVCTM2 According to EN 50363 - 4 - 1  
No of Cores : 0.5sq mm x 12/24  
0.75sq mm X 12/24

FLAT CRANE CABLE



Conductor : Multi Stranded Copper Conductor as per DIN EN 60228  
Insulation : PVC T12 According to EN 50363 Part 3  
Temperature Range : - 40°C to +70°C  
Jacket : PVC TM2 According to EN 50363 - 4 - 1  
Temperature Range : - 40°C to + 70°C  
No. of Cores : 4G X1.5sqmm,2.5sqmm,4sqmm,6sqmm, 10sqmm,16sqmm,25sqmm,35sqmm & 50sqmm  
8G X 1.5sqmm & 2.5sqmm  
12GX1.5sqmm & 2.5sqmm & 13GX1.5sqmm

# Other Products



## Toroidal Transformers / Current Transformers

Single Phase 15VA - 30KVA & Three Phase  
1KVA - 120KVA. CT's : Accuracy Class of 0.2 to 3  
with burden of 5 to 30VA, Primary Current upto  
4000A & Secondary of 5A / 1A



## Transformers & Chokes / Inductors / Reactors

Dry type Magnetics - VPI, AN - AF - Water Cooling etc.  
Transformers Range: 1KVA to 1MVA, 1Phase and 3Phase

**Chokes / Inductors / Reactors Range:**  
1KVA to 1MVA 1Phase and 3 Phase



## Wires & Cables - Wire Harness / Power Cords

Range from 0.5 sq mm to 300 sq mm  
Building Wires, Flexible Wires, Multi Core Cables,  
Flat Cables, HFFR, FRLS, ZHFR Wires, UL Rated Wires,  
Shielded & Braided Wires

Bunched Conductors, Tinned Copper wires &  
Customised cables.  
Wire Harness for: Industrial Applications,  
Consumer Electronics, Automobile Industries, Medical  
Electronics.



## LAN Cables & CCTV Cables

Horizontal Cable specification testing Lab  
UL Listed - CM Flame Rating

ETL verified to ANSI / TIA-568.2-D Cat6

FR PVC, ROHS & REACH Compliance

Shielded / Unshielded Cat5e, Cat6, Cat6A & Cat7

**CCTV Cables** - for High performance Hybrid Data

Transfer offered in 3+1 & 4+1 type



## MCB'S & Distribution Boards

MCB's are offered in various current ratings  
from 0.5 to 63 Amps. Enclosures, Plug & Sockets,  
Single Phase DB, Three Phase DB, Vertical DB,  
Phase Selector DB, 7 & 8 Segment DB's etc.



## Sensors

**Speed Sensors** : Active/Passive Sensors with Speed range  
upto 30,000 rpm in Square/Sine wave output.

**Position Sensors** : Active/Passive Sensors with Rotation angle  
0-90/0-180 & 0-360 with Analogue/Resistive output signal

**Temperature Sensors** : NTC/PTC types with Resistive  
output signal

**Pressure Sensors** : Absolute/Relative pressure from  
0 to 1000 bar with Ratiometric

Voltage/current output signal, with different ingress  
protection of IP65/IP67/IP69K



SPD

Combiner Box

DC MCBs

## SOLAR PRODUCTS

SPD : AC (2P/4P - 320V), DC : 2P-600V, 3P-1000V  
IEC 61643-1 Switching Contact T2-AC

COMBINER BOX : Single Phase ACDB 1 to 6kW  
DCDB 1 IN 1 OUT 500V DC

DC MCB : 6kA as per IEC 60947-2  
1P-250V DC, 2P-500V DC & 4P-1000V DC



## SMART METER

1 Phase : 5-30 / 10 - 60A smart meter  
with GPRS/RF/NB - IOT communication with  
DLMS Compliance

3 Phase WC 10 - 60/ 20 - 100Amps smart meter  
with GPRS/RF/NB - IOT communication with DLMS  
Compliance

3 Phase LT-CT - 5A smart meter with  
GPRS/RF/NB - IOT communication with DLMS  
Compliance



DC Fast Chargers

AC EV Chargers

## EV CHARGERS

AC Charger - 3.3, 10, 14, 7.4, 15 & 22kW

DC Charger - 60, 90, 120, 240 & 360kW

Charging method through RF ID and Wallet.





**Guarantee :**

All prices are maximum retail price basis inclusive GST and any other Tax as applicable.

All the products listed in the price list carry a warranty, against manufacturing defects for a period of 18\* months from the date of purchase.

The warranty is however subject to provision of proper usage, effective maintenance, it does not cover faulty operation and willful or accidental damage.

The user needs to take adequate precautions to eliminate these conditions. The manufacturer shall not be liable for any consequential loss, injury or damages attributable to defect or failure of its products.

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Product development is a continuous process and hence data / prices given are subject to change without notice. Disputes if any are subject to Coimbatore jurisdiction only.

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