

## Miniature Circuit Breaker - MCB

- ISI / CE Marked as per IS/IEC 60898 - 1
- Rated Short-Circuit Breaking Capacity, Icn 10kA
- Degree of Protection IP 20
- Energy Limitation Class 3
- Line Load Reversibility
- 35 sq. mm Terminals
- Biconnect Terminals
- Frequency: 50 Hz
- Operating Voltage : 240V / 415V AC , 60V DC per pole

|  | Cat. Nos. | Rating (A) | Pack     |
|-------------------------------------------------------------------------------------|-----------|------------|----------|
|                                                                                     | 811008    | 6          | 1/12/180 |
|                                                                                     | 811009    | 7.5        | 1/12/180 |
|                                                                                     | 811010    | 10         | 1/12/180 |
|                                                                                     | 811011    | 13         | 1/12/180 |
|                                                                                     | 811012    | 16         | 1/12/180 |
|                                                                                     | 811013    | 20         | 1/12/180 |
|                                                                                     | 811014    | 25         | 1/12/180 |
|                                                                                     | 811015    | 32         | 1/12/180 |
|                                                                                     | 811016    | 40         | 1/12/180 |
|                                                                                     | 811017    | 50         | 1/12/180 |
|                                                                                     | 811018    | 63         | 1/12/180 |
| B Curve<br>Single Pole                                                              |           |            |          |

|  | Cat. Nos. | Rating (A) | Pack   |
|-------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                     | 811027    | 6          | 1/6/90 |
|                                                                                     | 811028    | 7.5        | 1/6/90 |
|                                                                                     | 811029    | 10         | 1/6/90 |
|                                                                                     | 811030    | 13         | 1/6/90 |
|                                                                                     | 811031    | 16         | 1/6/90 |
|                                                                                     | 811032    | 20         | 1/6/90 |
|                                                                                     | 811033    | 25         | 1/6/90 |
|                                                                                     | 811034    | 32         | 1/6/90 |
|                                                                                     | 811035    | 40         | 1/6/90 |
|                                                                                     | 811036    | 50         | 1/6/90 |
|                                                                                     | 811037    | 63         | 1/6/90 |
| B Curve<br>Single Pole<br>Neutral                                                   |           |            |        |

|  | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                       | 811046    | 6          | 1/6/90 |
|                                                                                       | 811047    | 7.5        | 1/6/90 |
|                                                                                       | 811048    | 10         | 1/6/90 |
|                                                                                       | 811049    | 13         | 1/6/90 |
|                                                                                       | 811050    | 16         | 1/6/90 |
|                                                                                       | 811051    | 20         | 1/6/90 |
|                                                                                       | 811052    | 25         | 1/6/90 |
|                                                                                       | 811053    | 32         | 1/6/90 |
|                                                                                       | 811054    | 40         | 1/6/90 |
|                                                                                       | 811055    | 50         | 1/6/90 |
|                                                                                       | 811056    | 63         | 1/6/90 |
| B Curve<br>Double Pole                                                                |           |            |        |

|  | Cat. Nos. | Rating (A) | Pack     |
|---------------------------------------------------------------------------------------|-----------|------------|----------|
|                                                                                       | 811114    | 0.5        | 1/12/180 |
|                                                                                       | 811115    | 1          | 1/12/180 |
|                                                                                       | 811116    | 1.6        | 1/12/180 |
|                                                                                       | 811117    | 2          | 1/12/180 |
|                                                                                       | 811119    | 3          | 1/12/180 |
|                                                                                       | 811120    | 4          | 1/12/180 |
|                                                                                       | 811121    | 5          | 1/12/180 |
|                                                                                       | 811122    | 6          | 1/12/180 |
|                                                                                       | 811123    | 7.5        | 1/12/180 |
|                                                                                       | 811124    | 10         | 1/12/180 |
|                                                                                       | 811125    | 13         | 1/12/180 |
|                                                                                       | 811126    | 16         | 1/12/180 |
|                                                                                       | 811127    | 20         | 1/12/180 |
|                                                                                       | 811128    | 25         | 1/12/180 |
|                                                                                       | 811129    | 32         | 1/12/180 |
|                                                                                       | 811130    | 40         | 1/12/180 |
|                                                                                       | 811131    | 50         | 1/12/180 |
|                                                                                       | 811132    | 63         | 1/12/180 |
| C Curve<br>Single Pole                                                                |           |            |          |

Miniature Circuit Breaker - MCB

| <br><br><b>C Curve<br/>Single Pole<br/>Neutral</b> | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                                       | 811136    | 0.5        | 1/6/90 |
|                                                                                                                                       | 811137    | 1          | 1/6/90 |
|                                                                                                                                       | 811138    | 1.6        | 1/6/90 |
|                                                                                                                                       | 811139    | 2          | 1/6/90 |
|                                                                                                                                       | 811141    | 3          | 1/6/90 |
|                                                                                                                                       | 811142    | 4          | 1/6/90 |
|                                                                                                                                       | 811143    | 5          | 1/6/90 |
|                                                                                                                                       | 811144    | 6          | 1/6/90 |
|                                                                                                                                       | 811145    | 7.5        | 1/6/90 |
|                                                                                                                                       | 811146    | 10         | 1/6/90 |
|                                                                                                                                       | 811147    | 13         | 1/6/90 |
|                                                                                                                                       | 811148    | 16         | 1/6/90 |
|                                                                                                                                       | 811149    | 20         | 1/6/90 |
|                                                                                                                                       | 811150    | 25         | 1/6/90 |
|                                                                                                                                       | 811151    | 32         | 1/6/90 |
|                                                                                                                                       | 811152    | 40         | 1/6/90 |
|                                                                                                                                       | 811153    | 50         | 1/6/90 |
|                                                                                                                                       | 811154    | 63         | 1/6/90 |

| <br><br><b>C Curve<br/>Three Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|----------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                            | 811180    | 0.5        | 1/4/60 |
|                                                                                                                            | 811181    | 1          | 1/4/60 |
|                                                                                                                            | 811182    | 1.6        | 1/4/60 |
|                                                                                                                            | 811183    | 2          | 1/4/60 |
|                                                                                                                            | 811185    | 3          | 1/4/60 |
|                                                                                                                            | 811186    | 4          | 1/4/60 |
|                                                                                                                            | 811187    | 5          | 1/4/60 |
|                                                                                                                            | 811188    | 6          | 1/4/60 |
|                                                                                                                            | 811189    | 7.5        | 1/4/60 |
|                                                                                                                            | 811190    | 10         | 1/4/60 |
|                                                                                                                            | 811191    | 13         | 1/4/60 |
|                                                                                                                            | 811192    | 16         | 1/4/60 |
|                                                                                                                            | 811193    | 20         | 1/4/60 |
|                                                                                                                            | 811194    | 25         | 1/4/60 |
|                                                                                                                            | 811195    | 32         | 1/4/60 |
|                                                                                                                            | 811196    | 40         | 1/4/60 |
|                                                                                                                            | 811197    | 50         | 1/4/60 |
|                                                                                                                            | 811198    | 63         | 1/4/60 |

| <br><br><b>C Curve<br/>Double Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                           | 811158    | 0.5        | 1/6/90 |
|                                                                                                                           | 811159    | 1          | 1/6/90 |
|                                                                                                                           | 811160    | 1.6        | 1/6/90 |
|                                                                                                                           | 811161    | 2          | 1/6/90 |
|                                                                                                                           | 811163    | 3          | 1/6/90 |
|                                                                                                                           | 811164    | 4          | 1/6/90 |
|                                                                                                                           | 811165    | 5          | 1/6/90 |
|                                                                                                                           | 811166    | 6          | 1/6/90 |
|                                                                                                                           | 811167    | 7.5        | 1/6/90 |
|                                                                                                                           | 811168    | 10         | 1/6/90 |
|                                                                                                                           | 811169    | 13         | 1/6/90 |
|                                                                                                                           | 811170    | 16         | 1/6/90 |
|                                                                                                                           | 811171    | 20         | 1/6/90 |
|                                                                                                                           | 811172    | 25         | 1/6/90 |
|                                                                                                                           | 811173    | 32         | 1/6/90 |
|                                                                                                                           | 811174    | 40         | 1/6/90 |
|                                                                                                                           | 811175    | 50         | 1/6/90 |
|                                                                                                                           | 811176    | 63         | 1/6/90 |

| <br><br><b>C Curve<br/>Three Pole<br/>Neutral</b> | Cat. Nos. | Rating (A) | Pack   |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                                        | 811202    | 0.5        | 1/3/45 |
|                                                                                                                                        | 811203    | 1          | 1/3/45 |
|                                                                                                                                        | 811204    | 1.6        | 1/3/45 |
|                                                                                                                                        | 811205    | 2          | 1/3/45 |
|                                                                                                                                        | 811207    | 3          | 1/3/45 |
|                                                                                                                                        | 811208    | 4          | 1/3/45 |
|                                                                                                                                        | 811209    | 5          | 1/3/45 |
|                                                                                                                                        | 811210    | 6          | 1/3/45 |
|                                                                                                                                        | 811211    | 7.5        | 1/3/45 |
|                                                                                                                                        | 811212    | 10         | 1/3/45 |
|                                                                                                                                        | 811213    | 13         | 1/3/45 |
|                                                                                                                                        | 811214    | 16         | 1/3/45 |
|                                                                                                                                        | 811215    | 20         | 1/3/45 |
|                                                                                                                                        | 811216    | 25         | 1/3/45 |
|                                                                                                                                        | 811217    | 32         | 1/3/45 |
|                                                                                                                                        | 811218    | 40         | 1/3/45 |
|                                                                                                                                        | 811219    | 50         | 1/3/45 |
|                                                                                                                                        | 811220    | 63         | 1/3/45 |

Miniature Circuit Breaker - MCB

| <br><br><b>C Curve<br/>Four Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                         | 811224    | 0.5        | 1/3/45 |
|                                                                                                                         | 811225    | 1          | 1/3/45 |
|                                                                                                                         | 811226    | 1.6        | 1/3/45 |
|                                                                                                                         | 811227    | 2          | 1/3/45 |
|                                                                                                                         | 811229    | 3          | 1/3/45 |
|                                                                                                                         | 811230    | 4          | 1/3/45 |
|                                                                                                                         | 811231    | 5          | 1/3/45 |
|                                                                                                                         | 811232    | 6          | 1/3/45 |
|                                                                                                                         | 811233    | 7.5        | 1/3/45 |
|                                                                                                                         | 811234    | 10         | 1/3/45 |
|                                                                                                                         | 811235    | 13         | 1/3/45 |
|                                                                                                                         | 811236    | 16         | 1/3/45 |
|                                                                                                                         | 811237    | 20         | 1/3/45 |
|                                                                                                                         | 811238    | 25         | 1/3/45 |
|                                                                                                                         | 811239    | 32         | 1/3/45 |
|                                                                                                                         | 811240    | 40         | 1/3/45 |
|                                                                                                                         | 811241    | 50         | 1/3/45 |
|                                                                                                                         | 811242    | 63         | 1/3/45 |

| <br><br><b>D Curve<br/>Double Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|-----------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                             | 811284    | 0.5        | 1/6/90 |
|                                                                                                                             | 811285    | 1          | 1/6/90 |
|                                                                                                                             | 811286    | 1.6        | 1/6/90 |
|                                                                                                                             | 811287    | 2          | 1/6/90 |
|                                                                                                                             | 811289    | 3          | 1/6/90 |
|                                                                                                                             | 811290    | 4          | 1/6/90 |
|                                                                                                                             | 811291    | 5          | 1/6/90 |
|                                                                                                                             | 811292    | 6          | 1/6/90 |
|                                                                                                                             | 811293    | 7.5        | 1/6/90 |
|                                                                                                                             | 811294    | 10         | 1/6/90 |
|                                                                                                                             | 811295    | 13         | 1/6/90 |
|                                                                                                                             | 811296    | 16         | 1/6/90 |
|                                                                                                                             | 811297    | 20         | 1/6/90 |
|                                                                                                                             | 811298    | 25         | 1/6/90 |
|                                                                                                                             | 811299    | 32         | 1/6/90 |
|                                                                                                                             | 811300    | 40         | 1/6/90 |
|                                                                                                                             | 811301    | 50         | 1/6/90 |
|                                                                                                                             | 811302    | 63         | 1/6/90 |

| <br><br><b>D Curve<br/>Single Pole</b> | Cat. Nos. | Rating (A) | Pack     |
|---------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|
|                                                                                                                           | 811246    | 0.5        | 1/12/180 |
|                                                                                                                           | 811247    | 1          | 1/12/180 |
|                                                                                                                           | 811248    | 1.6        | 1/12/180 |
|                                                                                                                           | 811249    | 2          | 1/12/180 |
|                                                                                                                           | 811251    | 3          | 1/12/180 |
|                                                                                                                           | 811252    | 4          | 1/12/180 |
|                                                                                                                           | 811253    | 5          | 1/12/180 |
|                                                                                                                           | 811254    | 6          | 1/12/180 |
|                                                                                                                           | 811255    | 7.5        | 1/12/180 |
|                                                                                                                           | 811256    | 10         | 1/12/180 |
|                                                                                                                           | 811257    | 13         | 1/12/180 |
|                                                                                                                           | 811258    | 16         | 1/12/180 |
|                                                                                                                           | 811259    | 20         | 1/12/180 |
|                                                                                                                           | 811260    | 25         | 1/12/180 |
|                                                                                                                           | 811261    | 32         | 1/12/180 |
|                                                                                                                           | 811262    | 40         | 1/12/180 |
|                                                                                                                           | 811263    | 50         | 1/12/180 |
|                                                                                                                           | 811264    | 63         | 1/12/180 |

| <br><br><b>D Curve<br/>Three Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|----------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                            | 811303    | 0.5        | 1/4/60 |
|                                                                                                                            | 811304    | 1          | 1/4/60 |
|                                                                                                                            | 811305    | 1.6        | 1/4/60 |
|                                                                                                                            | 811306    | 2          | 1/4/60 |
|                                                                                                                            | 811308    | 3          | 1/4/60 |
|                                                                                                                            | 811309    | 4          | 1/4/60 |
|                                                                                                                            | 811310    | 5          | 1/4/60 |
|                                                                                                                            | 811311    | 6          | 1/4/60 |
|                                                                                                                            | 811312    | 7.5        | 1/4/60 |
|                                                                                                                            | 811313    | 10         | 1/4/60 |
|                                                                                                                            | 811314    | 13         | 1/4/60 |
|                                                                                                                            | 811315    | 16         | 1/4/60 |
|                                                                                                                            | 811316    | 20         | 1/4/60 |
|                                                                                                                            | 811317    | 25         | 1/4/60 |
|                                                                                                                            | 811318    | 32         | 1/4/60 |
|                                                                                                                            | 811319    | 40         | 1/4/60 |
|                                                                                                                            | 811320    | 50         | 1/4/60 |
|                                                                                                                            | 811321    | 63         | 1/4/60 |

## Miniature Circuit Breaker - MCB

| <br><br><b>D Curve<br/>Four Pole</b> | Cat. Nos. | Rating (A) | Pack   |
|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                                                         | 811341    | 0.5        | 1/3/45 |
|                                                                                                                         | 811342    | 1          | 1/3/45 |
|                                                                                                                         | 811343    | 1.6        | 1/3/45 |
|                                                                                                                         | 811344    | 2          | 1/3/45 |
|                                                                                                                         | 811346    | 3          | 1/3/45 |
|                                                                                                                         | 811347    | 4          | 1/3/45 |
|                                                                                                                         | 811348    | 5          | 1/3/45 |
|                                                                                                                         | 811349    | 6          | 1/3/45 |
|                                                                                                                         | 811350    | 7.5        | 1/3/45 |
|                                                                                                                         | 811351    | 10         | 1/3/45 |
|                                                                                                                         | 811352    | 13         | 1/3/45 |
|                                                                                                                         | 811353    | 16         | 1/3/45 |
|                                                                                                                         | 811354    | 20         | 1/3/45 |
|                                                                                                                         | 811355    | 25         | 1/3/45 |
|                                                                                                                         | 811356    | 32         | 1/3/45 |
|                                                                                                                         | 811357    | 40         | 1/3/45 |
|                                                                                                                         | 811358    | 50         | 1/3/45 |
|                                                                                                                         | 811359    | 63         | 1/3/45 |

## AC Circuit Breaker

- Conforms to IEC 60947 - 2
  - CE Marked
  - Rated Short-Circuit Capacity, Icu 10kA
- Degree of Protection IP 20
  - 1.5 Module per pole
  - 50 sq. mm Terminals
- Frequency: 50 Hz
  - Operating Voltage: 240V/415V AC, 60V DC per Pole

| <br><b>Single Pole</b> | Cat. Nos. | Rating (A) | Pack |
|-----------------------------------------------------------------------------------------------------------|-----------|------------|------|
|                                                                                                           | 811133    | 80         | 1    |
|                                                                                                           | 811134    | 100        | 1    |
|                                                                                                           | 811135    | 125        | 1    |

| <br><b>Three Pole</b> | Cat. Nos. | Rating (A) | Pack |
|------------------------------------------------------------------------------------------------------------|-----------|------------|------|
|                                                                                                            | 811199    | 80         | 1    |
|                                                                                                            | 811200    | 100        | 1    |
|                                                                                                            | 811201    | 125        | 1    |

| <br><b>Double Pole</b> | Cat. Nos. | Rating (A) | Pack |
|-----------------------------------------------------------------------------------------------------------|-----------|------------|------|
|                                                                                                           | 811177    | 80         | 1    |
|                                                                                                           | 811178    | 100        | 1    |
|                                                                                                           | 811179    | 125        | 1    |

| <br><b>Four Pole</b> | Cat. Nos. | Rating (A) | Pack |
|-----------------------------------------------------------------------------------------------------------|-----------|------------|------|
|                                                                                                           | 811243    | 80         | 1    |
|                                                                                                           | 811244    | 100        | 1    |
|                                                                                                           | 811245    | 125        | 1    |

## DC Circuit Breaker

- Conforms to IEC 60947 - 2
- CE Marked
- Breaking Capacity 6kA
- Degree of Protection IP 20
- 35 sq. mm Terminals
- Biconnect Terminals
- Upto 250V Supply

|  | Cat. Nos. | Rating (A) | Pack     |
|-------------------------------------------------------------------------------------|-----------|------------|----------|
|                                                                                     | 811400    | 0.5        | 1/12/180 |
|                                                                                     | 811401    | 1          | 1/12/180 |
|                                                                                     | 811402    | 1.6        | 1/12/180 |
|                                                                                     | 811403    | 2          | 1/12/180 |
|                                                                                     | 811405    | 3          | 1/12/180 |
|                                                                                     | 811406    | 4          | 1/12/180 |
|                                                                                     | 811407    | 5          | 1/12/180 |
|                                                                                     | 811408    | 6          | 1/12/180 |
|                                                                                     | 811409    | 7.5        | 1/12/180 |
|                                                                                     | 811410    | 10         | 1/12/180 |
|                                                                                     | 811411    | 13         | 1/12/180 |
|                                                                                     | 811412    | 16         | 1/12/180 |
|                                                                                     | 811413    | 20         | 1/12/180 |
|                                                                                     | 811414    | 25         | 1/12/180 |
|                                                                                     | 811415    | 32         | 1/12/180 |
|                                                                                     | 811416    | 40         | 1/12/180 |
|                                                                                     | 811417    | 50         | 1/12/180 |
|                                                                                     | 811418    | 63         | 1/12/180 |
| Single Pole                                                                         |           |            |          |

|  | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                       | 811419    | 0.5        | 1/6/90 |
|                                                                                       | 811420    | 1          | 1/6/90 |
|                                                                                       | 811421    | 1.6        | 1/6/90 |
|                                                                                       | 811422    | 2          | 1/6/90 |
|                                                                                       | 811424    | 3          | 1/6/90 |
|                                                                                       | 811425    | 4          | 1/6/90 |
|                                                                                       | 811426    | 5          | 1/6/90 |
|                                                                                       | 811427    | 6          | 1/6/90 |
|                                                                                       | 811428    | 7.5        | 1/6/90 |
|                                                                                       | 811429    | 10         | 1/6/90 |
|                                                                                       | 811430    | 13         | 1/6/90 |
|                                                                                       | 811431    | 16         | 1/6/90 |
|                                                                                       | 811432    | 20         | 1/6/90 |
|                                                                                       | 811433    | 25         | 1/6/90 |
|                                                                                       | 811434    | 32         | 1/6/90 |
|                                                                                       | 811435    | 40         | 1/6/90 |
|                                                                                       | 811436    | 50         | 1/6/90 |
|                                                                                       | 811437    | 63         | 1/6/90 |
| Double Pole                                                                           |           |            |        |

## Isolator

- Conforms to IEC 60947-3
- CE Marked
- Degree of Protection IP 20
- 35 sq. mm Terminals
- Biconnect Terminals
- Frequency: 50 Hz
- Operating Voltage: 240V/415V AC, 60V DC per Pole

|  | Cat. Nos. | Rating (A) | Pack   |
|-------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                     | 811550    | 40         | 1/6/90 |
|                                                                                     | 811551    | 63         | 1/6/90 |
|                                                                                     | 811552    | 80         | 1/6/90 |
|                                                                                     | 811553    | 100        | 1/6/90 |
|                                                                                     | 811554    | 125        | 1/6/90 |
| Double Pole                                                                         |           |            |        |

|  | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                       | 811555    | 40         | 1/4/60 |
|                                                                                       | 811556    | 63         | 1/4/60 |
|                                                                                       | 811557    | 80         | 1/4/60 |
|                                                                                       | 811558    | 100        | 1/4/60 |
|                                                                                       | 811559    | 125        | 1/4/60 |
| Three Pole                                                                            |           |            |        |

|  | Cat. Nos. | Rating (A) | Pack   |
|---------------------------------------------------------------------------------------|-----------|------------|--------|
|                                                                                       | 811560    | 40         | 1/3/45 |
|                                                                                       | 811561    | 63         | 1/3/45 |
|                                                                                       | 811562    | 80         | 1/3/45 |
|                                                                                       | 811563    | 100        | 1/3/45 |
|                                                                                       | 811564    | 125        | 1/3/45 |
| Four Pole                                                                             |           |            |        |