

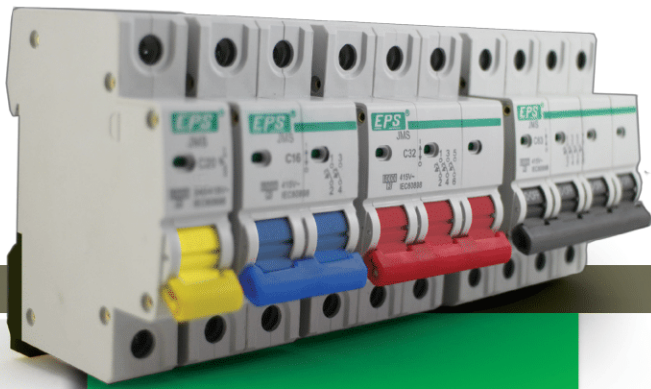


**NEW JMS
SERIES**

A Complete System in Circuit Protection

MINIATURE CIRCUIT BREAKERS (6KA)
Circuit Protection Device





MINIATURE CIRCUIT

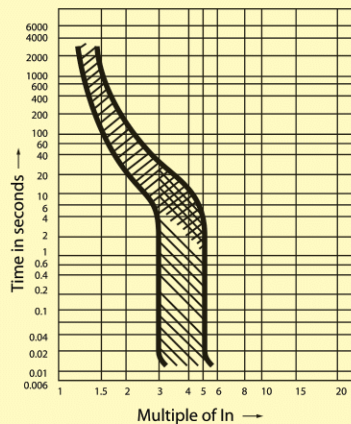
PRODUCT FEATURES

- Designed to withstand high rupturing capacity up to 6KA fault level at 240/415V AC.
- Built-in with thermal/magnetic mechanism for total protection against overloading and short circuit.
- ON/OFF indicator for SAFETY check.
- Type tested by Intertek Semko AB(Sweden) in compliance to IEC 60898 up to 6KA at 240/415V AC.
- MCB available in 1 Pole, 2 Pole, 3 Pole & 4 Pole up to 63 Amp rating.
- Compliance to Energy Limiting Class 3, up to 32 Amp rating.
- Different Coloured Handles for easier identification of Amp Ratings.

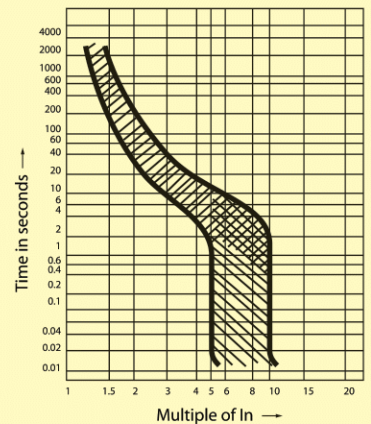


1 POLE

TYPE B
TRIPPING
CURRENT RANGE
3-5 I_N



TYPE C
TRIPPING
CURRENT RANGE
5-10 I_N



TRIPPING CHARACTERISTICS CURVE

| Tripping Characteristic | Test Current | | | Electromagnetic Trips | | |
|-------------------------|---------------------|---------------------|---------------|-----------------------|-------------------|---------------|
| | Low Test Current | High Test Current | Tripping Time | Test Current | | Tripping Time |
| | | | | Hold Current | Trip At Least At | |
| Type B | 1.13 I _n | | >1h | 3 I _n | | >0.1s |
| | | 1.45 I _n | <1h | | 5 I _n | <0.1s |
| Type C | 1.13 I _n | | >1h | 5 I _n | | >0.1s |
| | | 1.45 I _n | <1h | | 10 I _n | <0.1s |



BREAKERS (6KA) Circuit Protection Device



2 POLE



3 POLE

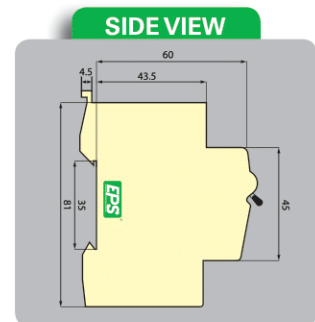


4 POLE

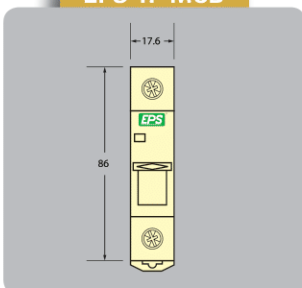
| Model / Type Reference | Rating (AMP) | Pole | Type |
|------------------------|--------------|-------------|------|
| JMS | 6A | 1P/2P/3P/4P | B.C |
| JMS | 10A | 1P/2P/3P/4P | B.C |
| JMS | 16A | 1P/2P/3P/4P | B.C |
| JMS | 20A | 1P/2P/3P/4P | B.C |
| JMS | 32A | 1P/2P/3P/4P | B.C |
| JMS | 40A | 1P/2P/3P/4P | B.C |
| JMS | 63A | 1P/2P/3P/4P | B.C |

TECHINICAL DATA

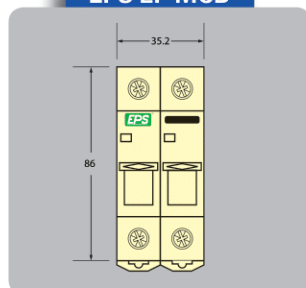
| | |
|-----------------------------------|--|
| Specifications | IEC 60898 |
| Tripping Curve | TYPE B, C |
| No. Of Pole | 1, 2, 3, 4 |
| Rated Current | 6, 10, 16, 20, 32, 40, 63Amp |
| Rated Voltage | 240 /415V AC |
| Frequency | 50 / 60Hz |
| Breaking Capacity | 6KA |
| Mounting | Snap-on fixing on 35mm x 7.5mm Din Rail |
| Reference Calibration Temperature | 30°C |
| Connection | Lift terminals to use either wire; or comb-busbar. |
| Terminal Cross Section | 25mm box type terminal |



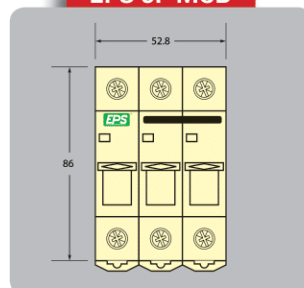
EPS 1P MCB



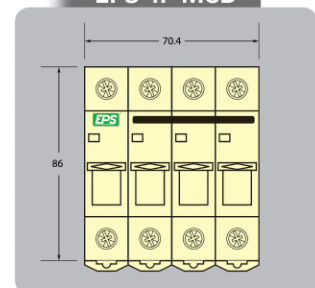
EPS 2P MCB



EPS 3P MCB



EPS 4P MCB





MINIATURE CIRCUIT BREAKERS (6KA)

Circuit Protection Device

A Complete System in Circuit Protection



**NEW
NGP
SERIES**

MINIATURE CIRCUIT BREAKERS (6KA)

Circuit Protection Device

Product Features

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- Built-in with thermal/magnetic mechanism for total protection against overloading and short circuit.
- ON/OFF Indicator for SAFETY check.
- Type tested by Intertek Semko AB (Sweden) in compliance to IEC 60898 up to 6KA at 240/415V AC.
- MCB available in 1 Pole, 2 Pole & 3 Pole up to 63 Amp rating.
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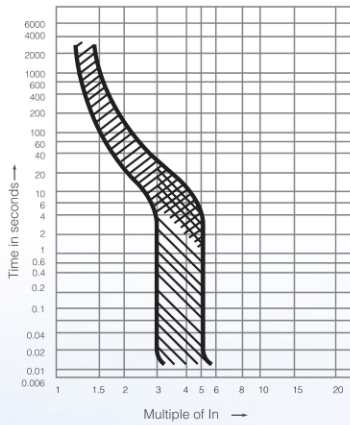
| Model / Type Reference | Rating (Amp) | Pole | Type |
|------------------------|--------------|------|------|
| NGP | 6A | 1P | B.C |
| NGP | 10A | 1P | B.C |
| NGP | 16A | 1P | B.C |
| NGP | 20A | 1P | B.C |
| NGP | 25A | 1P | B.C |
| NGP | 32A | 1P | B.C |
| NGP | 40A | 1P | B.C |
| NGP | 50A | 1P | B.C |
| NGP | 63A | 1P | B.C |

| Model / Type Reference | Rating (Amp) | Pole | Type |
|------------------------|--------------|------|------|
| NGP | 6A | 2P | B.C |
| NGP | 10A | 2P | B.C |
| NGP | 16A | 2P | B.C |
| NGP | 20A | 2P | B.C |
| NGP | 25A | 2P | B.C |
| NGP | 32A | 2P | B.C |
| NGP | 40A | 2P | B.C |
| NGP | 50A | 2P | B.C |
| NGP | 63A | 2P | B.C |

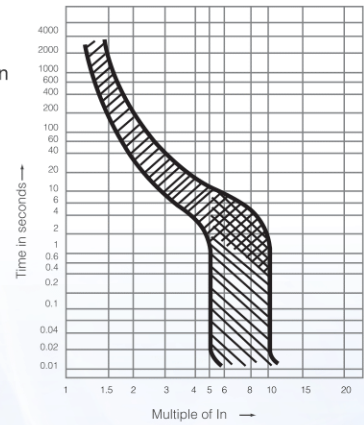


| Model / Type Reference | Rating (Amp) | Pole | Type |
|------------------------|--------------|------|------|
| NGP | 6A | 3P | B.C |
| NGP | 10A | 3P | B.C |
| NGP | 16A | 3P | B.C |
| NGP | 20A | 3P | B.C |
| NGP | 25A | 3P | B.C |
| NGP | 32A | 3P | B.C |
| NGP | 40A | 3P | B.C |
| NGP | 50A | 3P | B.C |
| NGP | 63A | 3P | B.C |

TYPE B
Tripping
Current range 3-5 I_n



TYPE C
Tripping
Current range 5-10 I_n



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| Tripping Characteristic | Test Current | | | Electromagnetic Trips | | |
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TECHNICAL DATA

| | |
|-----------------------------------|---|
| Specifications | IEC 60898 |
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| Rated Current | 6, 10, 16, 20, 25 32, 40, 50, 63 Amp |
| Rated Voltage | 240 / 415V AC |
| Frequency | 50 / 60Hz |
| Breaking Capacity | 6KA |
| Mounting | Snap-on fixing on 35mm x 7.5mm Din Rail |
| Reference Calibration Temperature | 40°C |
| Connection | Lift terminals to use either wire; or comb- busbar. |
| Terminal Cross Section | 25mm ² box type terminal |

DIMENSIONS

