

MCB 3P 6kA B-10A 3M

Technical Features

Electric current

| | |
|-----------------------|---------|
| Rated current | 10 A |
| Rated current at 20°C | 10.80 A |
| Rated current 30°C | 10 A |
| Rated current 35°C | 9.60 A |
| Rated current at 40°C | 9.20 A |
| Rated current at 45°C | 8.80 A |
| Rated current at 50°C | 8.40 A |
| Rated current 55°C | 8 A |
| Rated current 60°C | 7.60 A |
| Rated current 70°C | 6.80 A |

Architecture

| | |
|--------------|----|
| Type of pole | 3P |
| Curve | B |

Capacity

| | |
|-------------------|---|
| Number of modules | 3 |
|-------------------|---|

Main electrical attributes

| | |
|---|------|
| Rated short-circuit breaking capacity I _{cn} AC according to IEC 60898-1 | 6 kA |
|---|------|

Voltage

| | |
|--|-------------|
| Rated operational voltage U _e | 230 - 400 V |
| Rated insulation voltage U _i | 500 V |
| Rated impulse withstand voltage U _{imp} | 4000 V |

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

Connection

| | |
|--|------------------------|
| Cross-section of input and output with screws, for massive conductors | 1 - 25 mm ² |
| Cross-section of input and output with screws, for flexible conductors | 1 - 16 mm ² |

Installation, mounting

| | |
|---------------------------|----------------|
| Nominal tightening torque | 2.80 - 2.80 Nm |
|---------------------------|----------------|

Use conditions

| | |
|--|------------------|
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Class of energy limitation I ² t | 3 |
| Air humidity protection | For all climates |
| Operating temperature | -25 - 60 °C |

Power

| | |
|---------------------------------------|--------|
| Total power loss under I _N | 5.40 W |
|---------------------------------------|--------|

Connectivity

| | |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

Dimensions

| | |
|--------|----------|
| Height | 83 mm |
| Width | 52.50 mm |
| Depth | 70 mm |

Sustainability

| | |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|