



Description COMPACT MINIATURE CIRCUIT BREAKER

Code MTC 45

No. of poles 4P

No. modules 2

Rated current 6 A

Curve C

Rated voltage 230-400 V

|   |                                     |   |                                |
|---|-------------------------------------|---|--------------------------------|
| Standard                                    | EN 60898, EN 60947-2                | Rated frequency (Hz)                        | 50/60 Hz                       |
| Breaking capacity EN 60898 230V (Icn)       | 4500 A                              | Breaking capacity EN 60898 400V (Icn)       | 4500 A                         |
| Breaking capacity EN 60898 (Ics)            | 1 x Icn                             | Breaking capacity IEC/EN 60947-2 230V (Icu) | 6 kA                           |
| Breaking capacity IEC/EN 60947-2 400V (Icu) | 4.5 kA                              | Breaking capacity IEC/EN 60947-2 (Ics)      | 100% Icu                       |
| Insulation voltage (Ui)                     | 500 V                               | Rated impulse withstand voltage (Uimp)      | 4 kV                           |
| Minimum operating voltage                   | 12 V ac/dc                          | Maximum operating voltage                   | 440 V AC / 220 V DC            |
| Electrical endurance                        | 10.000                              | Mechanical endurance                        | 20.000                         |
| Section rigid cable                         | <=1x16 - <=1x10+1x6 mm <sup>2</sup> | Section flexible cable                      | <=1x10 - <=2x6 mm <sup>2</sup> |
| Rated tightening torque                     | 1.2 Nm                              | Operating temperature                       | -25 +70 °C                     |
| Stocking temperature                        | -40°C ÷ +70°C                       | Electrocod                                  | 1411                           |

### DIMENSIONAL



### STANDARDS/APPROVALS



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