

Description HIGH PERFORMANCE MINIATURE CIRCUIT BREAKER

Code MTHP 160

No. of poles 3P

No. modules 4.5

Rated current 100 A

Curve C

Rated voltage 230-400 V

|                                             |                                               |                                             |                                          |
|---------------------------------------------|-----------------------------------------------|---------------------------------------------|------------------------------------------|
| Standard                                    | IEC/EN 60898-1, IEC/EN 60947-2                | Rated frequency (Hz)                        | 50/60 Hz                                 |
| Breaking capacity EN 60898 230V (Icn)       | 10000 A                                       | Breaking capacity EN 60898 400V (Icn)       | 10000 A                                  |
| Breaking capacity EN 60898 (Ics)            | 0.75 x Icn                                    | Breaking capacity IEC/EN 60947-2 230V (Icu) | 20 kA                                    |
| Breaking capacity IEC/EN 60947-2 400V (Icu) | 16 kA                                         | Breaking capacity IEC/EN 60947-2 (Ics)      | 50% Icu                                  |
| Insulation voltage (Ui)                     | 500 V                                         | Rated impulse withstand voltage (Uimp)      | 6 kV                                     |
| Minimum operating voltage                   | 12V ac/dc                                     | Maximum operating voltage                   | 440 V ac                                 |
| Electrical endurance                        | 10.000                                        | Mechanical endurance                        | 20.000                                   |
| Section rigid cable                         | <=1x70 - <=2x25 - <=2x25+1x10 mm <sup>2</sup> | Section flexible cable                      | <=1x50 - <=2x25 - <=3x16 mm <sup>2</sup> |
| Rated tightening torque                     | 3.5 / 3 (terminals)                           | Operating temperature                       | -25 +60 °C                               |
| Stocking temperature                        | -40°C ÷ +70°C                                 | Electrocod                                  | 1411                                     |

## DIMENSIONAL

## STANDARDS/APPROVALS

