

# Product datasheet

## Specifications

### MCCB Thermal adjustable type

### MT160H 4P 50A 50kA

MT160H450A



|                                                                            |                          |
|----------------------------------------------------------------------------|--------------------------|
| Standard                                                                   | IEC/EN 60947-2           |
| Model                                                                      | MT160H                   |
| Rated current at 40°C, I <sub>n</sub>                                      | 50A                      |
| Number of poles                                                            | 4                        |
| Rated frequency                                                            | 50/60Hz                  |
| Rated Operational Voltage, U <sub>e</sub>                                  | 690V                     |
| Rated Insulation Voltage, U <sub>i</sub>                                   | 1000V                    |
| Impulse Withstand Voltage, U <sub>imp</sub>                                | 8kV                      |
| Utilization Category                                                       | Cat. A                   |
| Trip unit                                                                  | Thermal Magnetic (T02)   |
| Long time, I <sub>r</sub>                                                  | 0.7 ~ 1.0xI <sub>n</sub> |
| Instantaneous, I <sub>i</sub>                                              | 10xI <sub>n</sub>        |
| Breaking capacity level                                                    | H                        |
| Rated ultimate short-circuit breaking capacity, I <sub>cu</sub> (380/415V) | 50kA                     |
| Rated service short-circuit breaking capacity, I <sub>cs</sub> (380/415V)  | 50kA                     |
| Mechanical Endurance                                                       | 25000 times              |
| Electrical Endurance                                                       | 8000 times               |
| Weight                                                                     | 1.8kg                    |
| Dimension (W x L x H)                                                      | 122x155x93mm             |

