

# Product datasheet

## Specifications

### MCCB Fixed type MF160S 3P 160A 50kA

MF160S3160A



|                                                                            |                        |
|----------------------------------------------------------------------------|------------------------|
| Standard                                                                   | IEC/EN 60947-2         |
| Model                                                                      | MF160S                 |
| Rated current at 40°C, I <sub>n</sub>                                      | 160A                   |
| Number of poles                                                            | 3                      |
| 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 (T01) |
| Long time, I <sub>r</sub>                                                  | 1.0xI <sub>n</sub>     |
| Instantaneous, I <sub>i</sub>                                              | 10xI <sub>n</sub>      |
| Breaking capacity level                                                    | S                      |
| 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)  | 36kA                   |
| Mechanical Endurance                                                       | 25000 times            |
| Electrical Endurance                                                       | 8000 times             |
| Weight                                                                     | 1.4kg                  |
| Dimension (W x L x H)                                                      | 92x155x93mm            |

