

# Product datasheet

## Specifications

### MCCB Fixed type MF160S 4P 50A 50kA

MF160S450A



Standard	IEC/EN 60947-2
Model	MF160S
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 (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	1.8kg
Dimension (W x L x H)	122x155x93mm

