

Product datasheet

Specifications

Arc Fault Detection Device

MD63E 1PN 40A 30mA 6kA

MD63EG41PN40AC



Standard	IEC/EN 61009-1, IEC/BS 62606
Model	MD63EG4
Rated current, I_n	40A
Rated Residual Operating Current ($I_{\Delta c}$)	30mA
Detactuin of Wave Form	A type Protection against arc fault fires
Trip Time at $I_{\Delta c}$	≤ 100 ms
Number of poles	1PN
Rated frequency	50/60Hz
Rated Operational Voltage, U_e	180V ~ 264V
Rated Insulation Voltage, U_i	500V
Impulse Withstand Voltage, U_{imp}	4kV
Breaking capacity	6kA ($I_{cs}=100\%I_n$)
Magnetic Release Setting	C Curve
Terminal Capacity (max)	25mm ²
Protection Class	IP20 / IP40 (Terminals / Housing)
Mechanical Endurance	10000
Electrical Endurance	1200
Normal operation (Steady green light)	
Series Arc Fault(The red light blinks after switching on, once per second for 25 seconds)	
Parallel Arc Fault (The red light stays on steadily after switching on, lasting 25 seconds)	
Leakage (The yellow light blinks once per second after switching on, lasting 25 seconds)	
Overvoltage (The yellow light remains steady after switching on, lasting 25 seconds)	
Net Weight	0.21kg
Dimensions (H x D x W)	84.3 x 72.6 x 35.6mm

