

HRO

(Standard)

Data sheet

Model	HRO40 40 AF
	
Reference Standard	IEC/EN 61009-1
No. of poles	1P + N
Neutral side	Left
Rated Current (In)	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63 A
Rated Voltage (Ue)	AC 240 V
Rated Frequency (F)	50/60 Hz
Rated Conditional Short Circuit Cur. (Inc)	6 kA
Rated Residual Operating Current (IΔn)	10, 30, 100, 300, 500 mA
Magnetic Release Setting	(3-5) Curva B (5-10) Curva C (10-20) Curva D
Rated Making Breaking Capacity (Im)	500A o 10 In, whichever is greater
Operating Characteristics in Presence of Residual Current with d.c. Components	A type
Trip time	1 IΔn < 300 ms, 5 IΔn < 40 ms
Rated insulation Voltage (Ui)	500 V
Rated Impulse Voltage (Uimp)	4 kV
Dielectric Strength	2.5 kV
Electrical/Mechanical Endurance (no. of operations) Minimum	10,000/20,000
Operating temperature	-25 °C a + 55 °C
Humidity	95 % RH
Energy Limit Class	3
Terminal capacity (max.)	25 mm²
Tightening Torque	2 N·m
Vibration	3 g
Shock Resistance	40 mm free fall
Protection class	IP20
Positive contact Indication	Red ON, Green OFF
Net weight in Kg	0.200 Kg (for 1P)
Dimensions (H x D x W)/ Pole	83 x 71.8 x 17.8 mm (for 1P)
Mounting	Clip on DIN Rail (35 mm x 7.5)
Installation position	Vertical/Horizontal
Case & Cover	Molded, flame retardant thermoplastic material
AUX/ALT/SHT/UVT	No

HRO40M, 40 AF

