













Technical Data

Electrical features	
Rated current	16A、25、40、63A
Poles	2P 4P
Rated voltage Ue	2P:230V~ 4P:400V~
Insulation voltage Ui	500V
Rated frequency	50/60Hz
Rated sensitivity I ^Δ n	0.03A 0.1A 0.3A
Rated residual making and breaking capacity I _m	500(I _n =25-40A) 630(I _n =63A)
Short-circuit current I _{nc} =I _{Δc}	6000A
SCPD fuse	 6000
Break time under I ^Δ n	≤0.1S
Rated impulse withstand voltage(1.2/50)U _{imp}	6000V
Dielectric test voltage at and ind.Freq.for 1min	2.5kV
Electrical life and Mechanical life	4000
Pollution degree	2
Installation	
Fault current indicator	NO
Protection Class	IP20
Ambient temperature(with daily average≤35°C)	-5~+40°C
Storage temperature	-25+70°C
Terminal connection type	Cable/U-type busbar/Pin -type busbar
Terminal size top/bottom for cable	25mm ² 18-3
Tightening torque	3.0N*m 22
Mounting	On DIN rail FN 60715 (35mm) by means of fast clip device
Connection	From top and bottom

Detection Waveform Type and Classification

Waveform definition	Waveform	AC Type	A Type	A-SI Type	Tripping current
					
Sinusoidal exchange		✓	✓	✓	$0.5 \sim 1 I_n$
Pulsating half wave		X	✓	✓	$0.5 \sim 1.4 I_n$
Pulsating Half wave + direct current (6mA)		X	✓	✓	$\max 1.4I_n + 6\text{mA}$
Pulsating Half wave + direct current (10mA)		X	X	✓	$\max 1.4I_n + 10\text{mA}$
High frequency (up to 1KHz)		X	X	X	150Hz, $0.5 \sim 2.4 I_n$
		X	X	X	400Hz, $0.5 \sim 6 I_n$
		X	X	X	1000Hz, $1 \sim 14 I_n$
Two phase rectified full wave		X	X	X	$0.5 \sim 2 I_n$
Three phase rectified full wave					
Direct current					

Connection

Rated current	Nominal Section Area of Copper Wire(mm ²)
1~6A	1
10A	1.5
16、20A	2.5
25A	4
32A	6
40、50A	10
63A	16

Mounting & dimension

