

General characteristics

Description	Modular with transparent cover, 2 operating threshold		
Residual operation characteristic	Type A		
N° of operating threshold	2		

Control circuit

Toroidal transformer	External			
Adjustments	Tripping set-point ($I\Delta n$)	(x1)	A	0.03...30
	Tripping delay time	(tx1)	s	0.2...10

Resetting	Configurable automatic or manual by button on front or digital input		
Test Button	Yes		
Shunt circuit control	No		

Auxiliary supply

Auxiliary rated supply voltage U_s	90...250VAC or 120...350VDC		
Operational limits	90...250VAC or 120...350VDC		
Output contacts	2		
Rated frequency	Hz	50...60	
Power consumption Max	VA	6	

Relay outputs

Relay state	Normally de-energised		
Contact arrangement	2 changeover SPDT (trip)		
Rated contact capacity IEC I_{th}	5A - 250VAC		

Insulations

Power frequency withstand voltage	kV	2.5kV for 60s	
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Indications

Auxiliary voltage available (ON)	Green LED and green backlight		
Relay tripping (TRIP)	Red LED and red backlight		
Trip prealarm (ALARM)	Yellow LED and yellow backlight		

Connections

Terminals type	Fixed		
Tightening torque for terminals	max	Nm	0.5
	max	Ibin	4.5
Conductor section	AWG/Kcmil	min	24
		max	12

IEC

min	mm ²	0.2
max	mm ²	2.5

Operations

Mechanical life	cycles	10000000
Electrical life	cycles	300000

Ambient conditions

Temperature

Operating temperature

min	°C	-10
max	°C	+60

Storage temperature

min	°C	-20
max	°C	+80

Relative humidity

%	≤90%
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Housing

Material	Self-extinguishing polycarbonate
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Mounting	35mm DIN rail
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Degree of protection	IP20 terminals
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Dimensions (W x H x D)	mm	52.5x90x60
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Weight	g	200
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ETIM classification

ETIM 8.0

EC001445 -
 Residual current
 monitoring relay