

General characteristics

Description				Modular with transparent cover, 2 operating threshold
Residual operation characteristic				Type B
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	0.02...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	4
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
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%
---	------

Housing

Material	Self-extinguishing polycarbonate
----------	----------------------------------

Mounting	35mm DIN rail
----------	---------------

Degree of protection	IP20 terminals
----------------------	----------------

Dimensions (W x H x D)	mm	52.5x90x60
------------------------	----	------------

Weight	g	200
--------	---	-----

ETIM classification

ETIM 8.0

EC001445 -
 Residual current
 monitoring relay