EARTH LEAKAGE RELAY WITH 1 OPERATIN THRESHOLD, MODULAR, 35MM DIN (IEC/EN60715) RAIL MOUNTING. EXTERNAL CT, 110VAC/DC-240VAC-415VAC

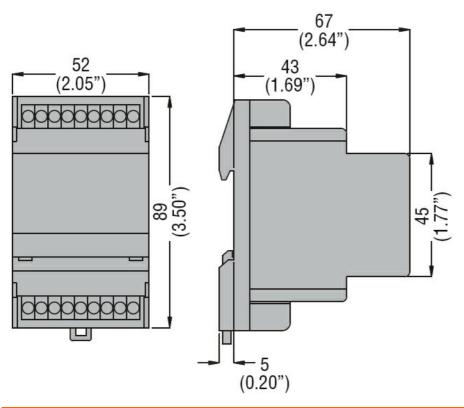
Product designation			Earth leakage
Product type designation			relays RM
General characteristics			
Description			Modular with transparent cover, 1 operating threshold
Residual operation characteristic			Type A
N° of operating threshold			1
Control circut			
Toroidal transformer			External
Adjustments			
Tripping set-point (l∆n)	(x0.1)	Α	0.0250.25
	(x0.1) (x1)	A	0.252.5
	(x10)	Α	2.525
	(external multiplier)	Α	25250
Tripping delay time	(
11 3 7	(tx1)	s	0.020.5
	(tx10)	s	0.25
Selection of multiplier for l∆n and t			By dip switches
Resetting			Configurable automatic or manual by button on front
Test Button			Yes
Shunt circuit control			No
Auxiliary supply			
Auxiliary rated supply voltage Us			110 125VAC/DC;220 240/380 415VAC
Operational limits			110 125VAC/DC or 220240VAC or 380415VAC
Output contacts			1
Rated frequency		Hz	5060
Power consumption Max		VA	3
Relay outputs			N. a. was a Ur al. a
Relay state			Normally de- energised
Contact arrangement			1 changeover SPDT (trip)
Rated contact capacity IEC Ith			5A - 250VAC

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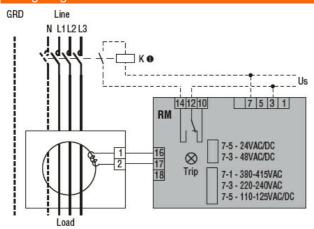
Insulations				
Power frequency withs	tand voltage		kV	2.5kV for 60s
Indications				
Auxiliary voltage availa	ble (ON)			Green LED
Relay tripping (TRIP)				Red LED
Connections				
Terminals type				Fixed
Tightening torque for to	erminals			
		max	Nm	0.5
		max	lbin	4.5
Conductor section				
	AWG/Kcmil			
		min		24
		max		12
	IEC			
		min	mm²	0.2
		max	mm²	2.5
Operations				
Mechanical life			cycles	50000000
Electrical life			cycles	300000
Ambient conditions			cycles	300000
			cycles	300000
Ambient conditions	Operating temperature			
Ambient conditions	Operating temperature	min	°C	-10
Ambient conditions		min max		
Ambient conditions	Operating temperature Storage temperature	max	°C °C	-10 +60
Ambient conditions		max min	°C °C	-10 +60 -20
Ambient conditions Temperature		max	°C °C °C	-10 +60 -20 +80
Ambient conditions Temperature Relative humidity		max min	°C °C	-10 +60 -20
Ambient conditions Temperature		max min	°C °C °C	-10 +60 -20 +80 ≤90%
Ambient conditions Temperature Relative humidity		max min	°C °C °C	-10 +60 -20 +80 ≤90% Self-extinguishing
Ambient conditions Temperature Relative humidity Housing Material		max min	°C °C °C	-10 +60 -20 +80 ≤90% Self-extinguishing polycarbonate
Ambient conditions Temperature Relative humidity Housing Material Mounting		max min	°C °C °C	-10 +60 -20 +80 ≤90% Self-extinguishing polycarbonate 35mm DIN rail
Ambient conditions Temperature Relative humidity Housing Material Mounting Degree of protection	Storage temperature	max min	°C °C °C °C	-10 +60 -20 +80 ≤90% Self-extinguishing polycarbonate 35mm DIN rail IP20 terminals
Ambient conditions Temperature Relative humidity Housing Material Mounting Degree of protection Dimensions (W x H x E	Storage temperature	max min	°C °C °C %	-10 +60 -20 +80 ≤90% Self-extinguishing polycarbonate 35mm DIN rail IP20 terminals 52x89x72
Ambient conditions Temperature Relative humidity Housing Material Mounting Degree of protection	Storage temperature	max min	°C °C °C °C	-10 +60 -20 +80 ≤90% Self-extinguishing polycarbonate 35mm DIN rail IP20 terminals

ENERGY AND AUTOMATION

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Wiring diagrams



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

Certificates

EAC

ETIM classification

ETIM 8.0

EC001445 -Residual current monitoring relay