

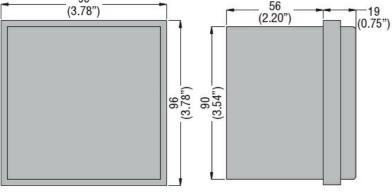


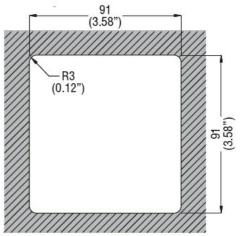
			Cont Cont
Product designation			Earth leakage
Ū į			relays
Product type designation			R1D
General characteristics			
			Flush mount with
Description			transparent cover, 1
			operating
			threshold
Control circut			
Toroidal transformer			External
Adjustments			
Tripping set-point (I∆n)			
	(x0.1)	А	0.0250.25
	(x1)	А	0.252.5
	(x10)	Α	2.525
	(external multiplier)	A	25250
Tripping delay time			
	(tx1)	S	0.020.5
Colortion of multiplicy for lan and t	(tx10)	S	0.25
Selection of multiplier for l∆n and t			By dip switches
			Configurable automatic or
Resetting			manual by button
			on front
Test Button			Yes
Shunt circuit control			No
Auxiliary supply			
			110
Auxiliary rated supply voltage Us			125VAC/DC;220
Additionally rated supply voltage es			240/380
			415VAC
			110 125\/AC/DC or
Operational limits			125VAC/DC or 220240VAC or
			380415VAC
Output contacts			1
Rated frequency		Hz	5060
Power consumption Max		VA	5.5
Relay outputs			
			Normally de-
Relay state			energised
Contact arrangement			1 changeover
			SPDT (trip)
Rated contact capacity IEC Ith			5A - 250VAC
Insulations			
Power frequency withstand voltage		kV	2.5kV for 60s

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



Indications				
Auxiliary voltage availa	ble (ON)			Green LED
Relay tripping (TRIP)				Red LED
Connections				
Terminals type				Fixed
Tightening torque for t	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	5000000
Electrical life			cycles	300000
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-10
	<u></u>	max	°C	+60
	Storage temperature		• •	
		min	°C	-20
Dated at a stric		max	°C	+80
Relative humidity			%	≤90%
Housing				O alf, autin muiahi
Material				Self-extinguishi polycarbonate
Mounting				Flush mount
wounting				IP40 with
Degree of protection				protecting cove
Degree of protection				IP20 terminals
Dimensions (W x H x I			mm	96x96x75
Weight	- /		g	280
			9	
Dimensions [mm (in)]				

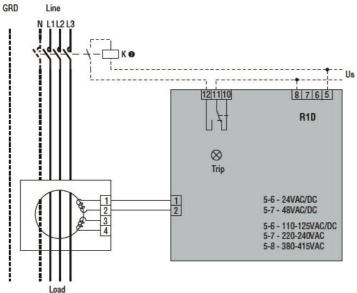




Wiring diagrams



ENERGY AND AUTOMATION



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

EAC

Certificates

ETIM classification

ETIM 8.0

EC001445 -Residual current monitoring relay

R1D415