



Product designation Product type design	nation			Earth leakage relays RC
General characteris	stics			
Description				Compact, 1 operating threshold
N° of operating thre	eshold			1
Control circut				
Toroidal transforme	r			Incorporated diam. 110mm/4.33"
Adjustments				
	Tripping set-point (I∆n)			
		(x0.1)	Α	0.0250.25
		(x1)	А	0.252.5
		(x10)	А	2.525
	Tripping delay time			
		(tx1)	S	0.020.5
		(tx10)	S	0.25
Selection of multipl	ier for l∆n and t	(0.1.0)	•	By dip switches
				Configurable
				automatic or
Resetting				manual by button
				on front
Test Button				Yes
Shunt circuit contro				No
Auxiliary supply				110
Auxiliary Suppry				110
				125VAC/DC;220
Auxiliary rated supp	oly voltage Us			240/380
				415VAC
				110
				125VAC/DC or
Operational limits				220240VAC or
				380415VAC
Output contacts				1
Rated frequency			Hz	5060
Power consumption	Max		VA	3
Relay outputs			٧A	
				Normally de-
Relay state				energised
				1 changeover
Contact arrangeme			SPDT (trip)	
Rated contact capa				5A - 250VAC
Insulations				JA - 200VAU
	ithotond voltogo		107	2 Ek/fer COr
Power frequency w	Imstand voltage		kV	2.5kV for 60s

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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

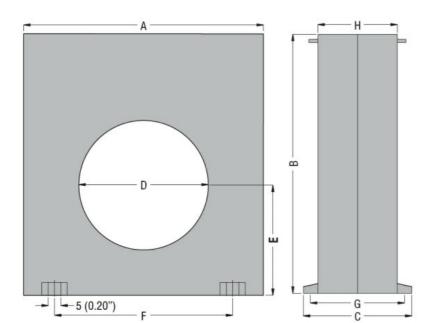
31RC110415 EARTH LEAKAGE RELAY WITH 1 OPERATIN THRESHOLD, COMPACT PANEL MOUNT. CT INCORPORATED, 110VAC/DC-240VAC-415VAC

Auxiliary voltage available (ON) Green LED

ruxillary voltage avail				CICCILEED
Relay tripping (TRIP)				Red LED
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	mm²	0.2
		max	mm²	2.5
Operations				
Mechanical life			cycles	5000000
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	150x160x70
Weight			g	485
Dimensions				

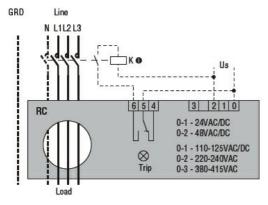


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TYPE	А	В	С	D	E	F	G	Н
RC35	100 (3.94")	110 (4.33")	70 (2.75")	35 (1.38")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC60	100 (3.94")	110 (4.33")	70 (2.75")	60 (2.36")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC80	150 (5.90")	160 (6.30")	70 (2.75")	80 (3.15")	70 (2.75")	110 (4.33")	60 (2.36")	50 (1.97")
RC110	150 (5.90")	160 (6.30")	70 (2.75")	110 (4.33")	70 (2.75")	110 (4.33")	60 (2.36")	50 (1.97")

Wiring diagrams



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

Certificates

EAC

ETIM classification

ETIM 8.0

EC001445 -Residual current monitoring relay

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