



Product designation				Earth leakage
Broduct type designation				relays RC
Product type designation General characteristics				KC
Description				Compact, 1 operating threshold
N° of operating threshold				1
Control circut				
Toroidal transformer				Incorporated diam. 35mm/1.38"
Adjustments				
T	Γripping set-point (I∆n)			
		(x0.1)	А	0.0250.25
		(x1)	А	0.252.5
_		(x10)	А	2.525
Ţ	Tripping delay time			
		(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 volt	tage Us			24-48VAC/DC
Output contacts				1
Rated frequency			Hz	5060
Power consumption Max			VA	3
Relay outputs				
Relay state				Normally de- energised
Contact arrangement				1 changeover SPDT (trip)
Rated contact capacity IE	EC Ith			5A - 250VAC
Insulations				
Power frequency withstar	nd voltage		kV	2.5kV for 60s
Indications				
Auxiliary voltage available	e (ON)			Green LED
Relay tripping (TRIP)				Red LED
Connections				
Terminals type				Fixed

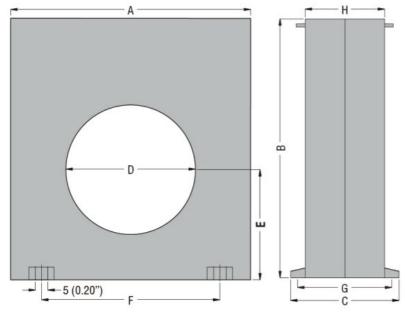
31RC3548



31RC3548 RELÉ REZIDUÁLNÍHO PROUDU S 1 PRAHEM VYBAVENÍ, KOMPAKTNÍ PRŮMYSLOVÉ PROVEDENÍ, VESTAV. T.T., 24-48VAC/DC

		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
		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	100x110x70
Weight			g	485
Dimensions				

Dimensions



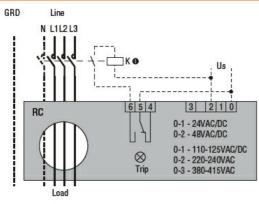
TYPE	A	В	С	D	E	F	G	Н
RC35	100 (3.94")	110 (4.33")	70 (2.75")	35 (1.38")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC60	100 (3.94")	110 (4.33")	70 (2.75")	60 (2.36")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC80	150 (5.90")	160 (6.30")	70 (2.75")	80 (3.15")	70 (2.75")	110 (4.33")	60 (2.36")	50 (1.97")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

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



ENERGY AND AUTOMATION

Wiring diagrams



Certifications and compliance

Compliant with standards				
	IEC/EN 60947-2			
Certificates				
	EAC			
ETIM classification				
		EC001445 -		

ETIM 8.0

EC001445 -Residual current monitoring relay

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