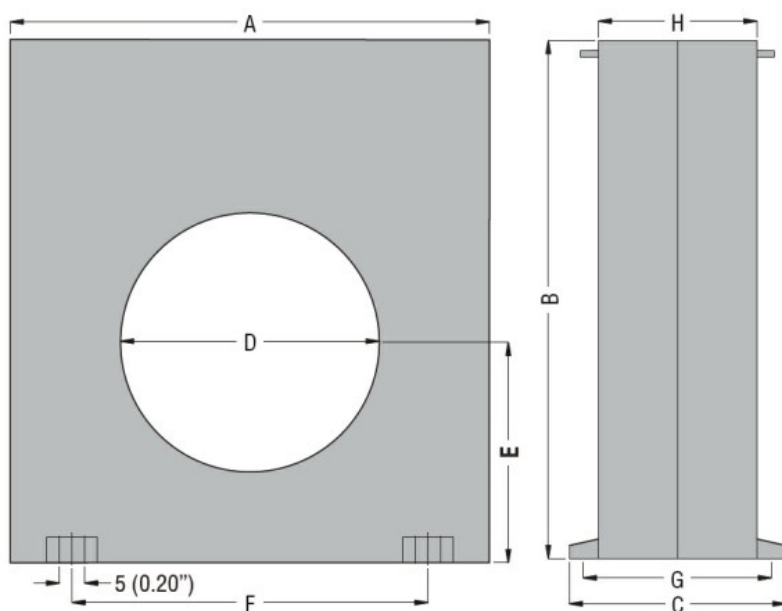




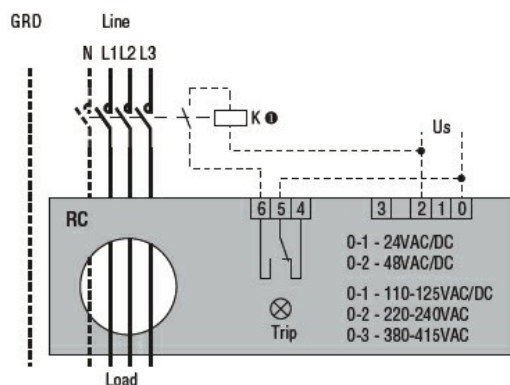
Product designation				Earth leakage relays
Product type designation				RC
General characteristics				
Description				Compact, 1 operating threshold
Control circuit				
Toroidal transformer				Incorporated diam. 110mm/4.33"
Adjustments				
Tripping set-point (IΔn)		(x0.1)	A	0.025...0.25
		(x1)	A	0.25...2.5
		(x10)	A	2.5...25
Tripping delay time		(tx1)	s	0.02...0.5
		(tx10)	s	0.2...5
Selection of multiplier for IΔn 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 220...240VAC or 380...415VAC
Output contacts				1
Rated frequency			Hz	50...60
Power consumption Max			VA	3
Relay outputs				
Relay state				Normally de-energised
Contact arrangement				1 changeover SPDT (trip)
Rated contact capacity IEC Ith				5A - 250VAC
Insulations				
Power frequency withstand voltage			kV	2.5kV for 60s
Indications				

Auxiliary voltage available (ON)				Green LED		
Relay tripping (TRIP)				Red LED		
Connections						
Terminals type				Fixed		
Tightening torque for terminals				max	Nm	0.5
				max	lbin	4.5
Conductor section				AWG/Kcmil		
				min		24
						12
				max		
				IEC		
				min	mm ²	0.2
						2.5
				max	mm ²	
Operations						
Mechanical life				cycles	50000000	
Electrical life				cycles	300000	
Ambient conditions						
Temperature				Operating temperature		
				min	°C	-10
						+60
				max	°C	
				Storage temperature		
				min	°C	-20
						+80
				max	°C	
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						



TYPE	A	B	C	D	E	F	G	H
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