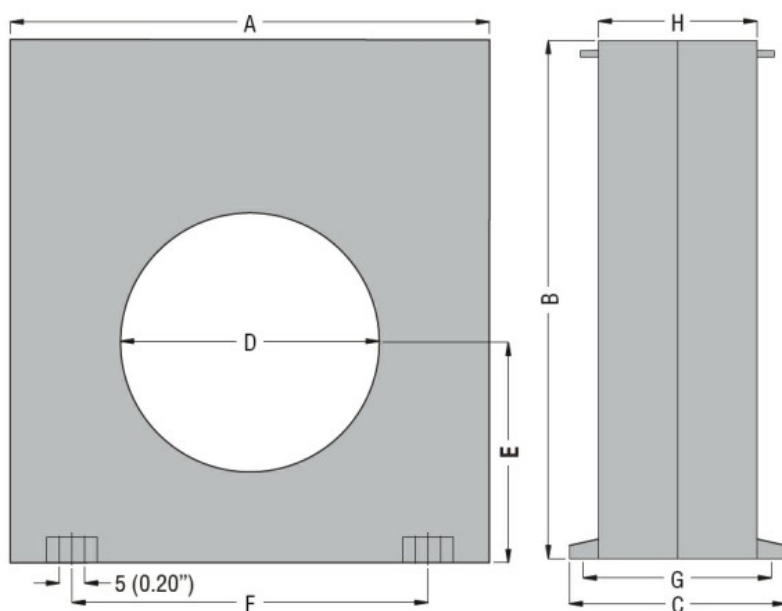




General characteristics

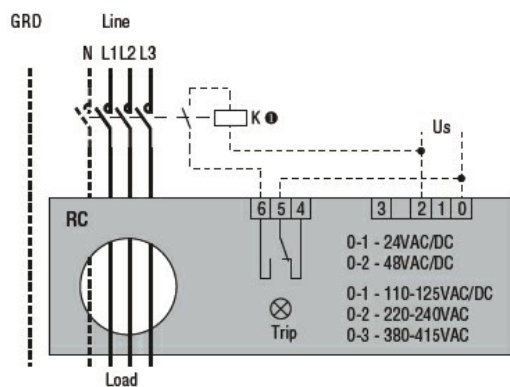
Description				Compact, 1 operating threshold	
Residual operation characteristic				Type A	
N° of operating threshold				1	
Control circuit					
Toroidal transformer				Incorporated diam. 110mm/4.33"	
Adjustments					
Tripping set-point (IΔn)	(x0.1)	A	0.025...0.25		
		A	0.25...2.5		
		A	2.5...25		
	Tripping delay time	(tx1)	s	0.02...0.5	
			s	0.2...5	
		(tx10)			
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
				max		12
		IEC		min	mm ²	0.2
				max	mm ²	2.5
Operations						
Mechanical life				cycles	50000000	
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						



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