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



Product designation Earth leakage relays					
Product type designation	Product designation	n			Earth leakage
Description Compact, 1 operating threshold Compact, 1 operating threshold	_				
Compact, 1 operating threshold Control circut Toroidal transformer Incorporated diam. 35mm/1.38* Adjustments Tripping set-point (IΔn) (x0.1) A 0.2525 (x10) A 0.2525 Tripping delay time (x1) A 0.2525 (x10) A 0.2525 Tripping delay time (x1) S 0.020.5 (x10) S 0.25 Selection of multiplier for IΔn and t By dips witches Resetting Configurable automatic or manual by button on front Test Button Yes Shunt circuit control No Auxiliary supply Auxiliary rated supply voltage Us 110 Auxiliary rated supply voltage Us 110 Operational limits 125VAC/IDC or 220 240VAC or 380 415VAC Operational limits 1 25VAC/IDC or 220 240VAC or 380 415VAC Output contacts 1 Rated frequency 1½ 5060 Normally denergised Output contacts Normally denergised Relay state <td< td=""><td></td><td></td><td></td><td></td><td>RC</td></td<>					RC
Description	General characteri	stics			
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(x0.1)	Adjustments	Tripping set point (IAn)			
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Tripping delay time			* ,		
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Auxiliary rated supply voltage Us 125VAC/DC;220 240/380 415VAC Operational limits 110 125VAC/DC or 220240VAC or 380415VAC Output contacts 1 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Normally deenergised Contact arrangement 1 changeover SPDT (trip) Rated contact capacity IEC Ith 5A - 250VAC Insulations Nor 60s	Auxiliary supply				
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Power consumption Max Relay outputs Relay state Contact arrangement Rated contact capacity IEC Ith Insulations Power frequency withstand voltage VA 3 Normally deenergised 1 changeover SPDT (trip) 5A - 250VAC					
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Insulations Power frequency withstand voltage kV 2.5kV for 60s		SPDT (trip)			
Power frequency withstand voltage kV 2.5kV for 60s	-	acity IEC Ith			5A - 250VAC
Indications		vithstand voltage		kV	2.5kV for 60s
	Indications				



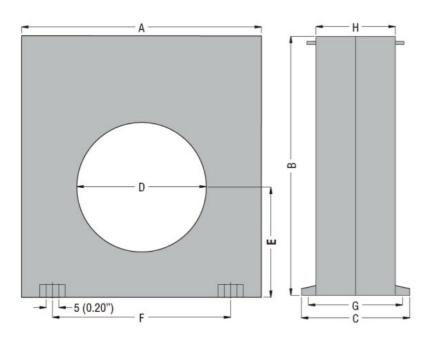


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Auxiliary voltage available (ON)				Green LED	
Relay tripping (TRIP)				Red LED	
Connections					
Terminals type				Fixed	
Tightening torque for te	minals				
		max	Nm	0.5	
		max	lbin	4.5	
Conductor section					
	AWG/Kcmil				
		min		24	
		max		12	
	IEC				
		min	mm²	0.2	
		max	mm²	2.5	
Operations					
Mechanical life			cycles	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	100x110x70	
Weight			g	485	
Dimensions [mm (in)]					

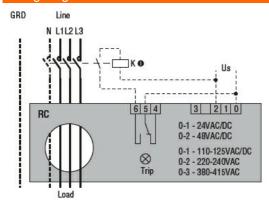






TYPE	А	В	С	D	Е	F	G	Н
RC35	100 (3.94")	110 (4.33")	70 (2.75")	35 (1.38")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC60	100 (3.94")	110 (4.33")	70 (2.75")	60 (2.36")	47 (1.85")	60 (2.36")	60 (2.36")	50 (1.97")
RC80	150 (5.90")	160 (6.30")	70 (2.75")	80 (3.15")	70 (2.75")	110 (4.33")	60 (2.36")	50 (1.97")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