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

Product designation         Earth leakage relays to the shot of the s				Manual M. A.
RCC           General characteristics           Description         Compact, 1 operating threshold threshold           N° of operating threshold           Incorporated claim.           Incorporated claim.           Incorporated claim.           Adjustments           Image: Incorporated claim.           (x0.1) A 0.0250.25 (x1) A 0.2525 (x1) A 0.2525 (x10) A 0.25	Product designation			_
General characteristics           Description         Compact, 1 operating threshold           N° of operating threshold         1           Control circut         Toroidal transformer         Incorporated diam. 80mm/3.15"           Adjustments         (x0.1) A 0.0250.25 (x10) A 0.250.25 (x10) A 0.2525           Tripping set-point (IΔn)         (x1) A 0.22525 (x10) A 0.2525           Tripping delay time         (x1) S 0.020.5 (x10) A 0.2525           Selection of multiplier for IAn and 1         By dipswitches           Resetting         Selection of multiplier for IAn and 1         By dipswitches           Resetting         Test Button         Post of ingurable automatic or manual by button on from from from the sundantic or manual by button on from from the sundantic or manual by button on from the	Product type designation			
Description         operating threshold         1           Control circut           Toroidal transformer         Incorporated diam. agamm/s.15°           Adjustments           Tripping set-point (IΔn)         (x0.1) A 0.2525 (x1.0) A 0.2525 (x1.0) A 0.2525 (x1.0) A 0.2525 (x1.0) A 0.2525           Tripping delay time         (x1.1) S 0.25         Configurable agamment on manual by button on front           Selection of multiplier for IΔn and 1         Selection of multipl				
Control circut           Toroidal transformer         Incorporated diam. 80mm/3.15"           Adjustments         Incorporate diam. 80mm/3.15"           Adjustments           Tripping set-point (IAn)           (x0.1) A 0.0250.25 (x10) A 0.2525           (x1) A 0.2525           Tripping delay time         (tx1) S 0.0205 (tx10) S 0.25           Selection of multiplier for IΔn and t         By dip switches           Resetting         Configurable automatic or manual by button on front           Test Button         Yes           Shut circuit control         No           Auxiliary supply         110           Auxiliary rated supply voltage Us         110           Operational limits         125VAC/DC 220           Operational limits         110           Operational limits         115VAC 0           Output contacts         1           Rated frequency         Hz 5060           Power consumption Max         VA 3           Relay outputs         Normally de- energised- Ener	Description			operating
Toroidal transformer   Sommy   Som	N° of operating threshold			1
Tripping set-point (I∆n)	Control circut			
Tripping set-point (IΔn)	Toroidal transformer			diam.
(x0.1)	•			_
(x1)		(··O 4)	Λ.	0.005 0.05
Resetting   (kx10)		. ,		
Tripping delay time         (tx1) s 0.020.5 (tx10) s 0.20.5           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         110           Auxiliary rated supply voltage Us         125VAC/DC;220 240/380 415VAC           Operational limits         125VAC/DC or 220 240/VAC or 380 415VAC           Output contacts         1           Rated frequency         Hz 5060           Power consumption Max         VA 3           Relay outputs         Normally deenergised           Contact arrangement         Normally deenergised           Contact arrangement         1 changeover SPDT (trip)           Rated contact capacity IEC (th)         5A - 250VAC				
(ix1)         s         0.020.5           Selection of multiplier for I∆n and t         By dip switches           Resetting         By dip switches           Resetting         Configurable automatic or manual by button on front           Test Button         Yes           Shunt circuit control         No           Auxiliary supply         110           Auxiliary rated supply voltage Us         110         240/380           Operational limits         240/380         415VAC           Operational limits         125VAC/DC or 220240VAC or 380415VAC         220240VAC or 380415VAC           Output contacts         1         4         5060           Power consumption Max         VA         3         Relay outputs           Relay state         Normally deenergised         Normally deenergised           Contact arrangement         SpDT (trip)         SpDT (trip)           Rated contact capacity IEC (th)         5A - 250VAC	Tripping delay time	(X10)		2.020
Selection of multiplier for I∆n and t         By dip switches           Resetting         Configurable automatic or manual by button on front           Test Button         Yes           Shunt circuit control         No           Auxiliary supply         110           Auxiliary rated supply voltage Us         110           Operational limits         240/380           Operational limits         110           Output contacts         1           Rated frequency         Hz         5060           Power consumption Max         VA         3           Relay outputs           Relay state         Normally deenergised           Contact arrangement         1 changeover SPDT (trip)           Rated contact capacity IEC Ith         5A - 250VAC	Ppg doisyd	(tx1)	s	0.020.5
Resetting  Resetting  Configurable automatic or manual by button on front  Test Button  Yes Shunt circuit control  No  Auxiliary supply  Auxiliary rated supply voltage Us  Poperational limits  110  Operational limits  125VAC/DC;220240VAC or 220240VAC or 380415VAC  Output contacts  1 1  Rated frequency  Power consumption Max  Relay outputs  Relay state  Contact arrangement  Contact arrangement  Rated contact capacity IEC Ith  Rated contact capacity IEC Ith  SA - 250VAC  Insulations		. ,	s	0.25
Resetting automatic or manual by button on front  Test Button Yes Shunt circuit control No  Auxiliary supply  Auxiliary rated supply voltage Us  Poperational limits  Operational limits  Operational limits  Output contacts  110  Rated frequency  Power consumption Max  Relay outputs  Relay state  Contact arrangement  Rated contact capacity IEC Ith  Fasted contact capacity IEC Ith  Insulations	Selection of multiplier for l∆n and t			By dip switches
Test Button         Yes           Shunt circuit control         No           Auxiliary supply         110           Auxiliary rated supply voltage Us         125VAC/DC;220           240/380         415VAC           Operational limits         125VAC/DC or           220240VAC or         380415VAC           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 IEC Ith         5A - 250VAC           Insulations         5A - 250VAC	Resetting			automatic or manual by button
Auxiliary supply       110         Auxiliary rated supply voltage Us       125VAC/DC;220         240/380       415VAC         110       110         Operational limits       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       5A - 250VAC	Test Button			
Auxiliary rated supply voltage Us    110	Shunt circuit control			No
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	Auxiliary supply			
Operational limits         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         10 Normally deenergised	Auxiliary rated supply voltage Us			125VAC/DC;220 240/380
Output contacts1Rated frequencyHz5060Power consumption MaxVA3Relay outputsRelay stateNormally deenergisedContact arrangement1 changeover SPDT (trip)Rated contact capacity IEC Ith5A - 250VAC	Operational limits			125VAC/DC or 220240VAC or
Rated frequency Power consumption Max Relay outputs Relay state  Contact arrangement  Rated contact capacity IEC Ith Insulations  Hz 5060  NA 3  Normally deenergised  1 changeover SPDT (trip)  5A - 250VAC	Output contacts			_
Relay outputs  Relay state  Contact arrangement  Rated contact capacity IEC Ith  Insulations  Normally deenergised  1 changeover SPDT (trip)  5A - 250VAC			Hz	5060
Relay stateNormally deenergisedContact arrangement1 changeover SPDT (trip)Rated contact capacity IEC Ith5A - 250VACInsulationsInsulations	·		VA	3
Contact arrangement  Contact capacity IEC Ith  Insulations  energised  1 changeover SPDT (trip)  5A - 250VAC	Relay outputs			
Rated contact capacity IEC Ith 5A - 250VAC Insulations	Relay state			energised
Insulations				SPDT (trip)
				5A - 250VAC
			kV	2.5kV for 60s



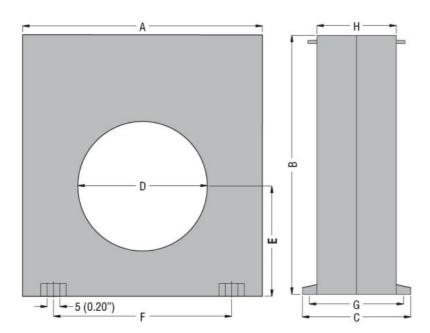


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Indications				
Auxiliary voltage availa	able (ON)			Green LED
Relay tripping (TRIP)				Red LED
Connections				
Terminals type				Fixed
Tightening torque for t	terminals			
		max	Nm	0.5
		max	Ibin	4.5
Conductor section				
	AWG/Kcmil			
		min		24
		max		12
	IEC			
		min	mm²	0.2
		max	mm²	2.5
Operations				
Mechanical life			cycles	50000000
Electrical life			cycles	300000
Ambient conditions				
Temperature				
	Operating temperature		00	40
		min	°C	-10
	Otana and tanana anatama	max	°C	+60
	Storage temperature	min	°C	-20
		min	°C	-20 +80
Relative humidity		max	<u> </u>	≤90%
Housing			/0	<b>≥90</b> /6
				Self-extinguishing
Material				polycarbonate
Mounting				35mm DIN rail
Degree of protection				IP20 terminals
Dimensions (W x H x	D)		mm	150x160x70
Weight			g	485
Dimensions			, i	

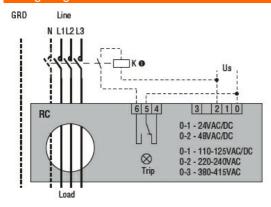


**ENERGY AND AUTOMATION** 



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