

RELAIS DIFFÉRENTIELS MODULAIRE (POUR PROFILÉ DIN 35MM) 110VAC/DC-240VAC... 415VAC AVEC TA Ø35MM



Earth leakage relays Product type designation Earth leakage relays Control cristics Modular with transparent cover, 1 operating threshold Image: modular with transparent cover, 1 operating threshold Control circut Tripping set-point (lΔn) (x0.1) A 0.025.0.25 (x1.0) A 0.25.0.25 (x1.0) A 0.25.0.2					
Product type designation RMT	Product designation				Earth leakage
General characteristics Modular with transparent cover, 1 operating threshold N° of operating threshold 1 N° of operating threshold Toroidal transformer Incorporated diam.28mm/1.1" Adjustments Tripping set-point (IΔn) (x0.1) A 0.0250.25 (x1) A 0.252.5 (x10) A 0.252.5 (x10) A 0.252.5 Tripping delay time ((x11) S 0.020.5 (x10) By dip switches Selection of multiplier for IΔn and t By dip switches Selection of multiplier for IΔn and t By dip switches Configurable automatic or manual by button on front Test Button Yes Shunt circuit control No Auxiliary rated supply voltage Us 110 Auxiliary rated supply voltage Us 110 Operational limits 110 Operational limits 110 Configurable normally denomination or manual by button on front 110 125	Product designation				relays
Description Section					RMT
transparent cooker, 1 operating transparent cooker, 1 operating threshold transparent cooker, 1 operating threshold N° of operating threshold 1 Control circut Troicidal transformer Incorporated diam, 28mm/1.1" Adjustments Tripping set-point (IΔn) (X0.1) A 0.2525 (x1) A 0.2525 (x1) A 0.2525 (x10) A 0.2525 Tripping delay time (tx1) s 0.020.5 (x10) s 0.20.5 (x10) s 0.20.5 Selection of multiplier for IΔn and t By dip switches Resetting By dip switches automatic or manual by button on from the circuit control Trest Button Yes Shuttiliary supply Test Button (ricuit control Test SVAC/DC cy20240/AC cy20.	General characteristics				
Description cover 1 operating threshold cover 1 operating threshold N° of operating threshold 1 Control circut Toroidal transformer Incorporated diam. 28mm/1.1° Adjustments (x0.1) A 0.0250.25 (x1) A 0.2525 (x1) A 0.2525 (x1) A 0.2525 (x1) A 0.2525 (x1) A 0.2525 (x2) A 0.2525 (x1) S 0.25 (x2) A 0.2525 (x1) S 0.25 (x2) A 0.2525 (x1) S 0.25 (x2) A 0.2525 (x2) A 0.2525 (x3) A 0.2525 Selection of multiplier for IΔn and t By dip switches Resetting By dip switches Resetting By dip switches Resetting Torofigurable automatic or manual by button on front Test Button Yes Shutcircuit control No Auxiliary supply 110 Auxiliary rated supply voltage Us 110 Operational limits 110 Operational limits 125VAC/DC or 220 220240VAC or 380415VAC 380415VAC </td <td></td> <td></td> <td></td> <td></td> <td></td>					
	Description				
threshold th	Description				
N° of operating threshold 1 Control circut Toroidal transformer Incorporated diam. 28mm/1.1* Adjustments Tripping set-point (IΔn) (x0.1) A 0.0250.25 (x10) A 0.252.5 Tripping delay time (k11) S 0.020.5 (k10) A 0.252.5 Selection of multiplier for IΔn and t By dip switches 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 1110 Operational limits 1110 Operational limits 125VAC/DC.220 Quity at contacts 2 Relay outputs Configurable normally denenergised or energised or energ					
Control circut	N° of operating threshold				
Incorporated diam. 28mm/1.1*					
Adjustments					Incorporated
Tripping set-point (IΔn)	i oroidai transformer				
(x0.1)	Adjustments				
(x1)	Tripp	oing set-point (l∆n)			
			(x0.1)	Α	0.0250.25
Tripping delay time (tx1) s 0.020.5 (tx10) s 0.25 Selection of multiplier for IΔn and t By dip switches Resetting Resetting Resetting Test Button Test Button Test Button No Auxiliary supply Auxiliary supply Auxiliary rated supply voltage Us Test Button Operational limits Operational limits Test Button Operational limits Test Button Test Button Test Button No Auxiliary supply Test Button Test Button No Auxiliary supply Test Button T			(x1)	Α	0.252.5
(tx1) s 0.020.5 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 110 Operational limits 125VAC/DC or 220 Qutput contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or energised or energ			(x10)	Α	2.525
Selection of multiplier for I∆n and t (x10) s 0.25 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 110 Operational limits 125VAC/DC;220 Output contacts 220240VAC or 380415VAC Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally denormally denormale	Tripp	ping delay time			
Selection of multiplier for IΔn and t Resetting Resetting Resetting Test Button Test Button Shunt circuit control Auxiliary supply Auxiliary rated supply voltage Us Test Button Auxiliary supply Test Button No Auxiliary supply Test Button Test Button No Test Button No Test Button Test Button No Test Button Tes			(tx1)	s	0.020.5
Resetting Configurable automatic or manual by button on front Test Button Yes Shunt circuit control Auxiliary supply Auxiliary rated supply voltage Us 110 125VAC/DC;220 240/380 415VAC 110 125VAC/DC or 220240VAC or 380415VAC Output contacts Quiput contacts Rated frequency Power consumption Max Relay outputs Configurable normally deenergised or			(tx10)	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 Auxiliary supply Auxiliary rated supply voltage Us Auxiliary supply Auxiliary rated supply voltage Us Auxiliary supply Auxiliary supp	Selection of multiplier for I∆n	and t			By dip switches
Resetting manual by button on front Test Button Yes Shunt circuit control No Auxiliary supply Auxiliary rated supply voltage Us Test Button Yes Shunt circuit control Auxiliary supply Auxiliary rated supply voltage Us Test Button Yes 110 125VAC/DC;220 240/380 415VAC Test Button Yes 125VAC/DC cor 220240/ASO 415VAC Test Button Yes Test Button Te					Configurable
Test Button	Resetting				
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 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or	resetting				
Shunt circuit control No Auxiliary supply 110 Auxiliary rated supply voltage Us 125VAC/DC;220 240/380 415VAC 0perational limits 110 125VAC/DC or 220240VAC or 380415VAC Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
Auxiliary supply Auxiliary rated supply voltage Us 110 125VAC/DC;220 240/380 415VAC Operational limits 125VAC/DC or 220240VAC or 380415VAC Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
Auxiliary rated supply voltage Us 110					No
Auxiliary rated supply voltage Us 125VAC/DC;220 240/380 415VAC Operational limits 110 125VAC/DC or 220 240VAC or 380 415VAC Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or	Auxiliary supply				
Adxiliary rated supply voltage US 240/380 415VAC 110 125VAC/DC or 220240VAC or 380415VAC Output contacts Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
A15VAC Operational limits Operational limits Output contacts Rated frequency Power consumption Max Relay outputs Configurable normally deenergised or	Auxiliary rated supply voltage	Us			
Operational limits 110 125VAC/DC or 220240VAC or 380415VAC Output contacts Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
Operational limits 125VAC/DC or 220240VAC or 380415VAC Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
Output contacts Rated frequency Power consumption Max Relay outputs Relay state Elay state Relay state Relay state Power consumption Max Relay outputs Configurable normally deenergised or					
380415VACOutput contacts2Rated frequencyHz5060Power consumption MaxVA3Relay outputsConfigurable normally deenergised or	Operational limits				
Output contacts 2 Rated frequency Hz 5060 Power consumption Max VA 3 Relay outputs Configurable normally deenergised or					
Rated frequency Power consumption Max Relay outputs Configurable normally deenergised or	Output contacts				
Power consumption Max Relay outputs Configurable normally deenergised or				Hz	
Relay outputs Configurable normally de- energised or					
Configurable normally de-energised or				•,,	J
Relay state normally de- energised or					Configurable
energised or	Dalay state				
	Kelay state				

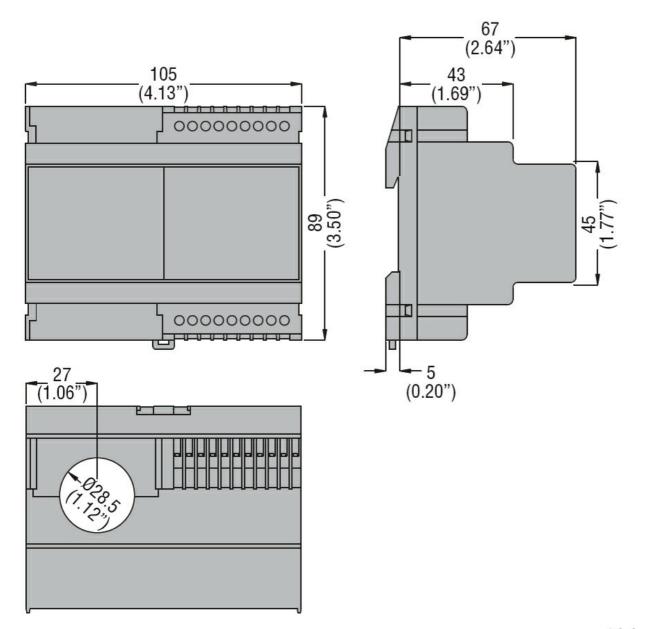


RELAIS DIFFÉRENTIELS MODULAIRE (POUR PROFILÉ DIN 35MM) 110VAC/DC-240VAC... 415VAC AVEC TA Ø35MM

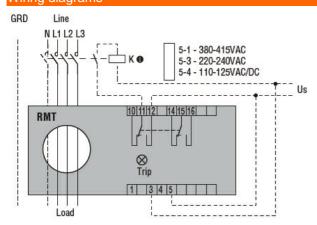
Contact arrangement			2 changeover SPDT each (both trip)
Rated contact capacity IEC Ith			5A - 250VAC
Insulations			
Power frequency withstand voltage		kV	2.5kV for 60s
Indications			
Auxiliary voltage available (ON)			Green LED
Relay tripping (TRIP)			Red LED
Connections			
Terminals type			Fixed
Tightening torque for terminals			
	max	Nm	0.5
	max	lbin	4.5
Conductor section			
AWG/Kcmil			
	min		24
	max		12
IEC			_
	min	mm²	0.2
	max	mm²	2.5
Operations			
Mechanical life		cycles	50000000
Electrical life		cycles	300000
Ambient conditions			
Temperature			
Operating temperature			
21 2 1	min	°C	-10
	max	°C	+60
Storage temperature			
5 · · · · · · · · · · · · · · · · · · ·	min	°C	-20
	max	°C	+80
Relative humidity		%	≤90%
Housing			
			Self-extinguishing
Material			polycarbonate
Mounting			35mm DIN rail
Degree of protection			IP20 terminals
Dimensions (W x H x D)		mm	105x89x72
Weight		g	375

ENERGY AND AUTOMATION

RELAIS DIFFÉRENTIELS MODULAIRE (POUR PROFILÉ DIN 35MM) 110VAC/DC-240VAC... 415VAC AVEC TA Ø35MM



Wiring diagrams



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

Certificates



31RMT415

RELAIS DIFFÉRENTIELS MODULAIRE (POUR PROFILÉ DIN 35MM) 110VAC/DC-240VAC... 415VAC AVEC TA Ø35MM

EAC

ETIM classification

ETIM 8.0

EC001445 -Residual current monitoring relay