

MULTIFUNCTION VOLTAGE AND FREQUENCY MONITORING RELAY FOR THREE-PHASE SYSTEMS WITH OR WITHOUT NEUTRAL WITH NFC TECHNOLOGY AND APP. 208...240VAC 50/60HZ

Product designation Product type designation			Multifunction voltage and frequency monitoring relays with NFC technology PMV95N
General characteristics			Minimum and
Description Type of system			maximum AC voltage, minimum and maximum frequency, phase loss,neutral loss, incorrect phase sequence and asymmetry relay Three-phase with/without neutral
			Self powered
Auxiliary supply voltage Us			Self powered 0.71.2 Ue
Auxiliary supply voltage Us Operating voltage range		Hz	
Auxiliary supply voltage Us		Hz VA	0.71.2 Ue
Auxiliary supply voltage Us Operating voltage range Rated frequency			0.71.2 Ue 50/60 ±5%
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max		VA W	0.71.2 Ue 50/60 ±5% 30 2.5
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut	min	VA W VAC	0.71.2 Ue 50/60 ±5% 30 2.5 208
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue)	min Max	VA W	0.71.2 Ue 50/60 ±5% 30 2.5
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut	Max	VA W VAC VAC	0.71.2 Ue 50/60 ±5% 30 2.5 208 240
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue)	Max min	VA W VAC VAC %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue)	Max	VA W VAC VAC % %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Asymmetry set-point (%Ue)	Max min	VA W VAC VAC %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue)	Max min Max	VA W VAC VAC % % %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Asymmetry set-point (%Ue)	Max min	VA W VAC VAC % %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515 9099
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Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Asymmetry set-point (%Ue)	Max min Max min	VA W VAC VAC % % %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515 9099 101110
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Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Frequency set-point (%Ue) Frequency set-point (% rated frequency) Tripping delay Resetting time	Max min Max min	VA W VAC VAC % % % % % S S	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515 9099 101110 0.130 0.130
Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Asymmetry set-point (%Ue) Frequency set-point (% rated frequency) Tripping delay Resetting time Resetting hysteresis	Max min Max min	VA W VAC VAC % % % % % S S	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515 9099 101110 0.130 0.130 15
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Auxiliary supply voltage Us Operating voltage range Rated frequency Power consumption Max Power dissipation Max Control circut Rated voltage to control (Ue) Voltage set-point (%Ue) Frequency set-point (%Ue) Frequency set-point (%Ue) Tripping delay Resetting time Resetting hysteresis Instantaneous tripping for Ue Type of reset	Max min Max min	VA W VAC VAC % % % % S S %	0.71.2 Ue 50/60 ±5% 30 2.5 208 240 8095 105115 515 9099 101110 0.130 0.130 15 Voltage <70% Ue Automatic or manual

PMV95NA240NFC The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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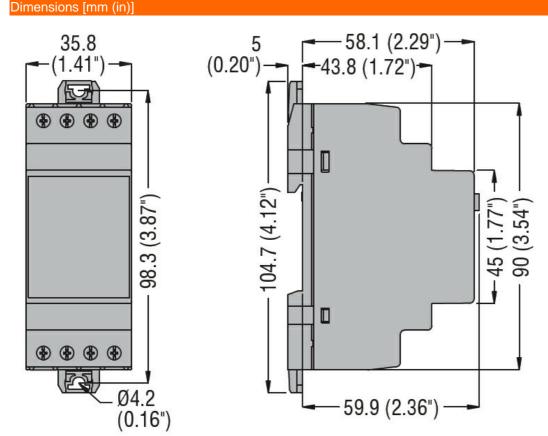
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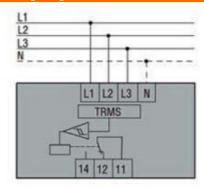
ENERGY AND AUTOMATION

MULTIFUNCTION VOLTAGE AND FREQUENCY MONITORING RELAY FOR THREE-PHASE SYSTEMS WITH OR WITHOUT NEUTRAL WITH NFC TECHNOLOGY AND APP. 208...240VAC 50/60HZ

Material		Self-extinguishing polyamide
Mounting		35mm DIN rail (IEC/EN 60715)
IEC degree of protection		IP40 on front; IP20 at terminals
Dimensions (W x H x D)	mm	35.8 x 104.7 x 64.9
Weight	g	130



Wiring diagrams



Certifications and	l compliance
Compliance	
	CSA C22.2 n°14
	IEC/EN 60255-26
	IEC/EN 60255-27
	UL508
Certificates	



MULTIFUNCTION VOLTAGE AND FREQUENCY MONITORING RELAY FOR THREE-PHASE SYSTEMS WITH OR WITHOUT NEUTRAL WITH NFC TECHNOLOGY AND APP. 208...240VAC 50/60HZ

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	EAC
ETIM classification	

ETIM 8.0

EC001438 -Voltage monitoring relay