

RELAIS DE MESURE/CONTRÔLE DE TENSION, DÉCLE.INST. 2 MOD. 3L, ABSENCE ET ORDRE DE PHASE , 100V-240VAC

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Draduct decimation			Voltage
Product designation			monitoring relays
Product type designation			PMV20
General characteristics			Di i
Description			Phase loss and incorrect phase
Description .			sequence relay
The section of the se			Three-phase
Type of system			without neutral
Power supply			
Auxiliary supply voltage Us			Self powered
Operating voltage range			0.851.1 Ue
Rated frequency		Hz	50/60 ±5%
Power consumption Max		VA	28
Power dissipation Max		W	2.5
Control circut			
Rated voltage to control (Ue)			
	min	VAC	100
	Max	VAC	240
Tripping delay		S	0.06
Resetting time		S	0.5
Resetting hysteresis		%	5
Instantaneous tripping for Ue			Voltage <70% Ue
Type of reset			Automatic
Repeat accuracy		%	<±1
Tripping time for phase loss		ms	60
Relay outputs			
Number of relays		Nr.	1
			Normally
Relay state			energised De-
,			energises at
-			tripping
Contact arrangement			1 changeover SPDT
Rated operational voltage AC (IEC)		VAC	250
Maximum switching voltage		VAC	400
IEC Conventional free air thermal current Ith		A	8
UL/CSA and IEC/EN 60947-5-1 designation			B300
Electrical life (with rated load)		cycles	100000
Mechanical life		cycles	3000000
Functions		oyole3	
Modular version			2U
Minimum AC voltage			No
Maximum AC voltage			No
Phase loss			Yes
Incorrect phase sequence			Yes
The characteristics described in this document are subject to undates or modifications at any time. The	1		

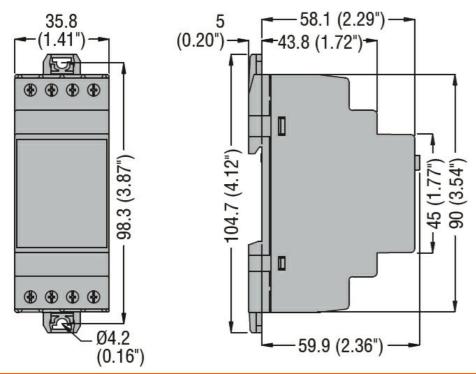
ENERGY AND AUTOMATION

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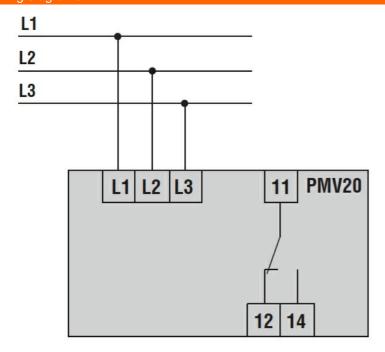
Asymmetry			No
Indications			
Indication			1 green LED for power on and tripping
Connections			
Terminals type			Screw
Tightening torque for terminals			
	max	Nm	0.8
	max	Ibin	7
Conductor cross section			
AWG/Kcmil			
	min	AWG	24
	Max	AWG	12
IEC			
	min	mm²	0.2
	Max	mm²	4
Insulations			
Rated insulation voltage Ui		V	600
Rated impulse withstand voltage Uimp		kV	6
Operating frequency withstand voltage		kV	4
Ambient conditions			
Temperature			
Operating temperature			
operating temperature	min	°C	-20
	max	°C	+60
Storage temperature	max		100
Otorage temperature	min	°C	-30
	max	°C	+80
Housing	IIIdX	U	+00
Execution (n° of modules)			2
Execution (ii of modules)			Self-extinguishing
Material			polyamide
			35mm DIN rail
Mounting			(IEC/EN 60715)
			IP40 on front;
IEC degree of protection			IP20 at terminals
			35.8 x 104.7 x
Dimensions (W x H x D)		mm	64.9
Weight		η	120
Dimensions		g	120

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Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60255-5

IEC/EN 61000-6-2

IEC/EN 61000-6-3

UL 508

Certificates

cULus

EAC





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ETIM classification

ETIM 8.0

EC001438 -Voltage monitoring relay