

RELAIS DE MESURE/CONTRÔLE DE TENSION, DÉCLE.RET. 3L, U MIN EN AC, ABS. ET ORDRE DE PHASE , 600 VAC

Product designation			Voltage monitoring relays
Product type designation			PMV30
General characteristics			
Description			Minimum AC voltage, phase loss and incorrect phase sequence relay
Type of system			Three-phase without neutral
Power supply			
Auxiliary supply voltage Us			Self powered
Operating voltage range			0.71.2 Ue
Rated frequency		Hz	50/60 ±5%
Power consumption Max		VA	19
Power dissipation Max Control circut		W	2.5
Rated voltage to control (Ue)	min	VAC	600
Voltage set-point (%Ue)	min	%	8095
Tripping delay		s	0.120
Resetting time		S	0.120 (0.5 at power up)
Resetting hysteresis		%	3
Instantaneous tripping for Ue			Voltage <70% Ue
Type of reset			Automatic
Repeat accuracy		%	<±0.1
Tripping time for phase loss		ms	60
Relay outputs			
Number of relays		Nr.	1
Relay state			Normally 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		Α	8
UL/CSA and IEC/EN 60947-5-1 designation			B300
Electrical life (with rated load)		cycles	100000
Mechanical life		cycles	30000000
Functions Modular version			2U



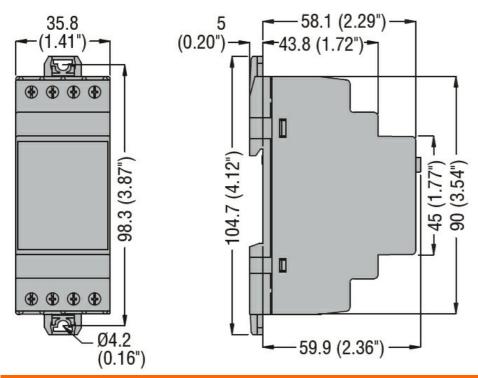


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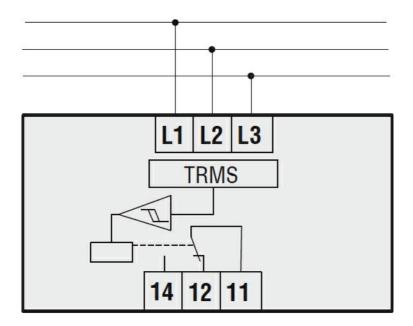
Minimum AC voltage				Yes
Minimum AC voltage Maximum AC voltage				No res
Phase loss				Yes
-	2000			Yes
Incorrect phase seque	ence			
Asymmetry Indications				No
mulcations				1 green LED for
				power on and
Indication				tripping and 1 red
				LED for tripping
Connections				
Terminals type				Screw
Tightening torque for to	erminals			
		max	Nm	0.8
		max	lbin	7
Conductor cross section	on			
	AWG/Kcmil			
		min	AWG	24
		Max	AWG	12
	IEC			
		min	mm²	0.2
		Max	mm²	4
Insulations				
Rated insulation voltag			V	600
Rated insulation voltag	nd voltage Uimp		kV	6
Rated insulation voltage Rated impulse withstar Operating frequency was a second control of the	nd voltage Uimp			
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp		kV	6
Rated insulation voltage Rated impulse withstar Operating frequency was a second control of the	nd voltage Uimp vithstand voltage		kV	6
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp		kV kV	6 4
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp vithstand voltage	min	kV kV °C	-20
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp vithstand voltage Operating temperature	min max	kV kV	6 4
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp vithstand voltage	max	kV kV °C °C	-20 +60
Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	nd voltage Uimp vithstand voltage Operating temperature	max min	kV kV °C °C	-20 +60
Rated insulation voltage Rated impulse withstar Operating frequency water Ambient conditions Temperature	nd voltage Uimp vithstand voltage Operating temperature	max	kV kV °C °C	-20 +60
Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions Temperature Housing	Operating temperature Storage temperature	max min	kV kV °C °C	-20 +60 -30 +80
Rated insulation voltage Rated impulse withstar Operating frequency water Ambient conditions Temperature	Operating temperature Storage temperature	max min	kV kV °C °C	-20 +60 -30 +80
Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions Temperature Housing	Operating temperature Storage temperature	max min	kV kV °C °C	-20 +60 -30 +80 2 Self-extinguishing polyamide
Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions Temperature Housing Execution (n° of modulations)	Operating temperature Storage temperature	max min	kV kV °C °C	-20 +60 -30 +80 2 Self-extinguishing
Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions Temperature Housing Execution (n° of module Material	orithstand voltage Operating temperature Storage temperature	max min	kV kV °C °C	-20 +60 -30 +80 2 Self-extinguishing polyamide 35mm DIN rail
Rated insulation voltage Rated impulse withstal Operating frequency wear Ambient conditions Temperature Housing Execution (n° of modulaterial Mounting	ond voltage Uimp vithstand voltage Operating temperature Storage temperature Illes)	max min	kV kV °C °C	-20 +60 -30 +80 2 Self-extinguishing polyamide 35mm DIN rail (IEC/EN 60715) IP40 on front;
Rated insulation voltage Rated impulse withstal Operating frequency we Ambient conditions Temperature Housing Execution (n° of modulaterial Mounting IEC degree of protections	ond voltage Uimp vithstand voltage Operating temperature Storage temperature Illes)	max min	kV kV °C °C °C	-20 +60 -30 +80 2 Self-extinguishing polyamide 35mm DIN rail (IEC/EN 60715) IP40 on front; IP20 at terminals 35.8 x 104.7 x

ENERGY AND AUTOMATION

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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