electric RELAIS DE MESURE/CONTRÔLE DE U, DÉCLE.RET. 3L+N HZ, MIN/MAX U, ABSENCE/ORDRE **DES L, 380-575VAC NFC ENERGY AND AUTOMATION**

Product designation			Multifunction voltage and frequency monitoring relays with NFC
Product type designation			technology PMV95N
General characteristics			
Description			Minimum and maximum AC voltage, minimum and maximum frequency, phase loss,neutral loss, incorrect phase sequence and asymmetry relay
Type of system			Three-phase with/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	30
Power dissipation Max		W	2.5
Control circut			
Rated voltage to control (Ue)		1/40	222
	min	VAC	380
Voltage set point (9/11a)	Max	VAC	575
Voltage set-point (%Ue)	min	%	8095
	Max	% %	105115
Asymmetry set-point (%Ue)	IVIOX	// 0	515
Frequency set-point (% rated frequency)		70	010
Troquency det pennt (70 rated moquency)	min	%	9099
	Max	%	101110
Tripping delay		s	0.130
Resetting time		s	0.130
Resetting hysteresis		%	15
Instantaneous tripping for Ue			Voltage <70% Ue
Type of reset			Automatic or manual
Repeat accuracy		%	<±0.1
Relay outputs			
Number of relays		Nr.	1

electric RELAIS DE MESURE/CONTRÔLE DE U, DÉCLE.RET. 3L+N HZ, MIN/MAX U, ABSENCE/ORDRE **DES L, 380-575VAC NFC**

ENERGY AND AUTOMATION	

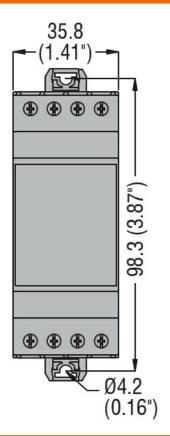
				Normally
Relay state				energised De-
				energises at tripping
Contact arrangement				1 changeover SPDT
Rated operational volta	age AC (IEC)		VAC	250
Maximum switching vo			VAC	400
IEC Conventional free	air thermal current Ith		Α	8
UL/CSA and IEC/EN 6	0947-5-1 designation			B300
Electrical life (with rate	-		cycles	100000
Mechanical life	,		cycles	30000000
Functions				
Modular version				2U
Minimum AC voltage				Yes
Maximum AC voltage				Yes
Natural loss				Yes
Phase loss				Yes
Incorrect phase seque	ence			Yes
Asymmetry				Yes
Minimum frequency				Yes
Maximum frequency				Yes
Programmable via NF	C technology and APP			Yes
Indications	The second secon			
Indication				1 green LED for power and 5 red
				LEDs for tripping
Connections				
Terminals type				Screw
	erminals			
Terminals type		max	Nm	0.8
Terminals type Tightening torque for te		max max	Nm Ibin	
Terminals type	on			0.8
Terminals type Tightening torque for te		max	Ibin	0.8
Terminals type Tightening torque for te	on AWG/Kcmil	max min	Ibin AWG	0.8 7
Terminals type Tightening torque for te	on AWG/Kcmil	max	Ibin	0.8
Terminals type Tightening torque for te	on AWG/Kcmil	max min Max	Ibin AWG AWG	0.8 7 24 12
Terminals type Tightening torque for te	on AWG/Kcmil IEC	min Max min	AWG AWG mm²	0.8 7 24 12 0.2
Terminals type Tightening torque for to	on AWG/Kcmil IEC	max min Max	Ibin AWG AWG	0.8 7 24 12
Terminals type Tightening torque for te	on AWG/Kcmil IEC	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4
Terminals type Tightening torque for te	on AWG/Kcmil IEC	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4
Terminals type Tightening torque for to Conductor cross section Insulations Rated insulation voltage Rated impulse withstar	e Ui	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4 600 6
Terminals type Tightening torque for to Conductor cross section Insulations Rated insulation voltage Rated impulse withstar Operating frequency w	e Ui	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4
Insulations Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	e Ui	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4 600 6
Terminals type Tightening torque for to Conductor cross section Insulations Rated insulation voltage Rated impulse withstar Operating frequency w	e Ui nd voltage Uimp ithstand voltage	min Max min	AWG AWG mm² mm²	0.8 7 24 12 0.2 4 600 6
Insulations Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	e Ui	min Max min Max	AWG AWG mm² mm² V kV	0.8 7 24 12 0.2 4 600 6 4
Insulations Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	e Ui nd voltage Uimp iithstand voltage Operating temperature	min Max min Max	AWG AWG mm² mm² V kV	0.8 7 24 12 0.2 4 600 6 4
Terminals type Tightening torque for terminals type Conductor cross section Insulations Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions	e Ui nd voltage Uimp ithstand voltage Operating temperature	min Max min Max	AWG AWG mm² mm² V kV	0.8 7 24 12 0.2 4 600 6 4
Terminals type Tightening torque for terminals type Conductor cross section Insulations Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions	e Ui nd voltage Uimp iithstand voltage Operating temperature	min Max min Max min max	AWG AWG mm² mm² V kV kV	0.8 7 24 12 0.2 4 600 6 4
Insulations Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions	AWG/Kcmil IEC e Ui nd voltage Uimp iithstand voltage Operating temperature Storage temperature	min Max min Max min max min	AWG AWG mm² mm² V kV c c c c c c c c c c c c c c c c	0.8 7 24 12 0.2 4 600 6 4 -20 +60
Insulations Rated insulation voltag Rated impulse withstar Operating frequency w Ambient conditions Temperature	AWG/Kcmil IEC e Ui nd voltage Uimp iithstand voltage Operating temperature Storage temperature	min Max min Max min max	AWG AWG mm² mm² V kV kV	0.8 7 24 12 0.2 4 600 6 4
Terminals type Tightening torque for terminals type Conductor cross section Insulations Rated insulation voltage Rated impulse withstar Operating frequency we Ambient conditions	e Ui nd voltage Uimp ithstand voltage Operating temperature Storage temperature	min Max min Max min max min	AWG AWG mm² mm² V kV c c c c c c c c c c c c c c c c	0.8 7 24 12 0.2 4 600 6 4 -20 +60

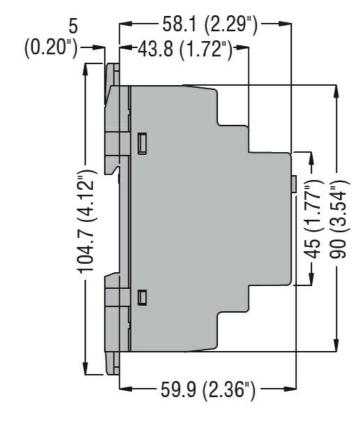


RELAIS DE MESURE/CONTRÔLE DE U, DÉCLE.RET. 3L+N HZ, MIN/MAX U, ABSENCE/ORDRE DES L, 380-575VAC NFC

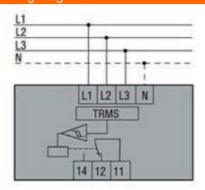
ENERGY AND AUTOMATION

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 Dimensions	g	130





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 60255-26

IEC/EN 60255-27

UL508

Certificates



ENERGY AND AUTOMATION

PMV95NA575NFC

electric RELAIS DE MESURE/CONTRÔLE DE U, DÉCLE.RET. 3L+N HZ, MIN/MAX U, ABSENCE/ORDRE DES L, 380-575VAC NFC

cULus
EAC

ETIM classification

ETIM 8.0

EC001438 -Voltage monitoring relay