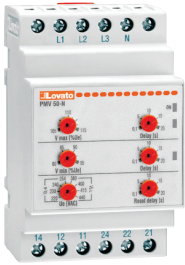


### For three-phase systems with or without neutral



PMV50N...

Order code	Rated voltage to control Ue (phase to phase)	Qty per pkg	Wt
	[V] 50/60Hz	n°	[kg]

Three-phase system, with or without neutral.  
Minimum and maximum AC voltage. Delayed trip.  
Phase loss, neutral loss and incorrect phase sequence.  
Instantaneous trip.

<b>PMV50N A240</b>	208...240VAC	1	0.200
<b>PMV50N A440</b>	380...440VAC	1	0.200
<b>PMV50N A600</b>	480...600VAC	1	0.200

#### General characteristics

- Voltage monitoring relay, self powered, for minimum and maximum voltage, phase loss, neutral loss and incorrect phase sequence
- 4 configurable rated voltage (Ue):
  - PMV50N A240: 208-220-230-240VAC (phase-phase) 120-127-132-138VAC (phase-neutral)
  - PMV50N A440: 380-400-415-440VAC (phase-phase) 220-230-240-254VAC (phase-neutral)
  - PMV50N A600: 480-525-575-600VAC (phase-phase) 277-303-332-347VAC (phase-neutral)
- Excellent tripping accuracy
- TRMS measurements (True Root Mean Square)
- Phase loss detection when one of the voltages is <70% rated voltage
- Phase or neutral loss tripping time: 60ms
- 2 relay outputs, each with 1 changeover contact (SPDT)
- Modular DIN 43880 housing, 3 module
- IEC degree of protection: IP40 on front (only when placed in IP40 enclosure or control board); IP20 at terminals.

#### ADJUSTMENTS

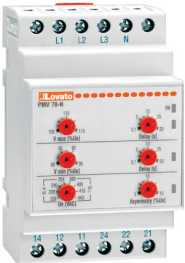
- “V max” Maximum voltage tripping threshold 105...115% Ue  
 “V min” Minimum voltage tripping threshold 80...95% Ue  
 “Delay” for each Tripping time 0.1...20s  
 “Reset Delay” Resetting time 0.1...20s.

#### Certifications and compliance

Certifications obtained: EAC.  
 Compliant with standards: IEC/EN 60255-5, IEC/EN 61000-6-2, IEC/EN 61000-6-3, UL 508, CSA C22.2 n° 14.

#### Operational diagram

See page 9-11.



PMV70N...

Order code	Rated voltage to control Ue (phase to phase)	Qty per pkg	Wt
	[V] 50/60Hz	n°	[kg]

Three-phase system, with or without neutral.  
Minimum and maximum AC voltage and asymmetry.  
Delayed trip.  
Phase loss, neutral loss and incorrect phase sequence.  
Instantaneous trip.

<b>PMV70N A240</b>	208...240VAC	1	0.200
<b>PMV70N A440</b>	380...440VAC	1	0.200
<b>PMV70N A600</b>	480...600VAC	1	0.200

#### General characteristics

- Voltage monitoring relay, self powered, for minimum and maximum voltage, phase loss, neutral loss, incorrect phase sequence and asymmetry
- 4 configurable rated voltage (Ue):
  - PMV70N A240: 208-220-230-240VAC (phase-phase) 120-127-132-138VAC (phase-neutral)
  - PMV70N A440: 380-400-415-440VAC (phase-phase) 220-230-240-254VAC (phase-neutral)
  - PMV70N A600: 480-525-575-600VAC (phase-phase) 277-303-332-347VAC (phase-neutral)
- Excellent tripping accuracy
- TRMS measurements (True Root Mean Square)
- Phase loss detection when one of the voltages is <70% rated value
- Phase or neutral loss tripping time: 60ms
- 2 relay outputs, each with 1 changeover contact (SPDT)
- Modular DIN 43880 housing, 3 module
- IEC degree of protection: IP40 on front (only when placed in IP40 enclosure or control board); IP20 at terminals.

#### ADJUSTMENTS

- “V max” Maximum voltage tripping threshold 105...115% Ue  
 “V min” Minimum voltage tripping threshold 80...95% Ue  
 “Delay” for each Tripping time 0.1...20s  
 “Asymmetry” High voltage asymmetry tripping threshold 5...15% Ue.

#### Certifications and compliance

Certifications obtained: EAC.  
 Compliant with standards: IEC/EN 60255-5, IEC/EN 61000-6-2, IEC/EN 61000-6-3, UL 508, CSA C22.2 n° 14.

#### Operational diagram

See page 9-11.