

Meaning of the display leds	Out	Vmin	Vmax	Phs. Seq
No problem, normal operation, exit relay active	X			
Overvoltage error occurred (period being counted)	X		X	
Overvoltage error			X	
Low voltage error occurred (period being counted)	X	X		
Low voltage error		X		
Phase order error (Phs. Seq)				X
Ptc error (Ptc)				Flash
Insufficient supply (Low Pwr.)			Flash	
Absence of phase error (Phs. Abs)		Flash		

Product Name	Code No	Pcs in Box	Pcs Pack.
VPR-01	1240.04.1	1	12
VPR-01S	1240.04.2	1	12
VPR-02P	1240.04.3	1	12
VPRN-02P	1240.04.4	1	12

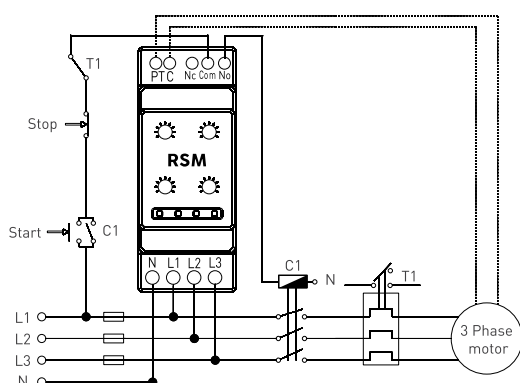
Absence of Phase	●	-	-	●	●	●	-	●	●	●	●
Phase Order	●	●	●	●	●	-	●	●	●	●	●
Ptc	●	●	●	●	●	-	●	-	●	●	●
Low Voltage Warning	●	●	●	●	●	-	●	-	●	●	●
Over Voltage Warning	●	●	●	●	●	-	●	-	●	●	●
Monophase	-	●	-	●	-	●	●	-	●	-	●
Three-phase	-	●	-	●	-	●	●	-	●	-	●
Neutral	-	●	-	●	-	●	●	-	●	-	●
Draw Delay	-	●	-	●	-	●	●	-	●	-	●
Open Delay	-	●	-	●	-	●	●	-	●	-	●
Insufficient Power Supply W.	-	●	-	●	-	●	●	-	●	-	●

VPR-01 / VPR-02P / VPR-01S / VPRN-02P

Specifications	VPR-01	VPR-02P / VPR-01S	VPRN-02P
Operation Voltage (Un)	230 V AC	230 V AC	400 V AC
Operation Voltage Interval (U)	150-300 V AC	150-300 V AC / 65-300 V AC	260-520 V AC
Insufficient Supply Interval	100-120 AC	100-120V AC / 58-60V AC	175-210 V AC
Operation Frequency	50 Hz	50 Hz	50 Hz
Power Consumption (Max)	2.5VA	2.5 VA	2.5 VA
Measurement Method	TrueRMS	TrueRMS	TrueRMS
Vmax (Over Voltage Setting)	230...290 V AC	230...290 V AC	400...500 V AC
Vmin (Low Voltage Setting)	160...210 V AC	160...210 V AC / Ayar yok	275...365 V AC
Hysteresis	%5 of Vmax Vmin value	%5 of Vmax Vmin value	%5 of Vmax Vmin value
Off-Delay (Release Delay) On-Delay (Draw Delay)	Set at 1 ... 20 sec.	Set at 1 ... 20 sec. / 1sec. constant	Set at 1 ... 20 sec.
Ptc Operation Interval	None	Opening: more than 1600 ohm / PCT none Closing: less than 1400 ohm / PCT none	Opening: more than 1600 ohm Closing: less than 1400 ohm
Setting Accuracy	+ or -%5	+ or -%5	+ or -%5
Exit Relay	5A 250 V AC	5A 250 V AC	5A 250 V AC
Operation Temperature	Between -20°C...50°C	Between -20°C...50°C	Between -20°C...50°C
Relative Humidity	Less than 90% (Without condensation)	Less than 90% (Without condensation)	Less than 90% (Without condensation)
Cable Sections	2.5 mm ² multi vessel cable	2.5 mm ² multi vessel cable	2.5 mm ² multi vessel cable
Assembly Types	Rail type	Rail type	Rail type
Protection Class	IP20 (Terminals), IP40 (Front Panel)	IP20 (Terminals), IP40 (Front Panel)	IP20 (Terminals), IP40 (Front Panel)
Dimensions	36x90x61	36x90x61	36x90x61
Weight	125gr	125gr	125gr
Insulation	400 V insulation voltage, 4 KV source impact	400 V insulation voltage, 4 KV source impact	400 V insulation voltage, 4 KV source impact

Wiring Diagrams

VPR-01 / VPR-02P



Note: The only difference in the VPR-01 model is that there are no PTC connection and L2, L3.

VPRN-02P

