

3-PHASE VOLTAGE PROTECTION RELAY (3PH+N)

VCR-02F

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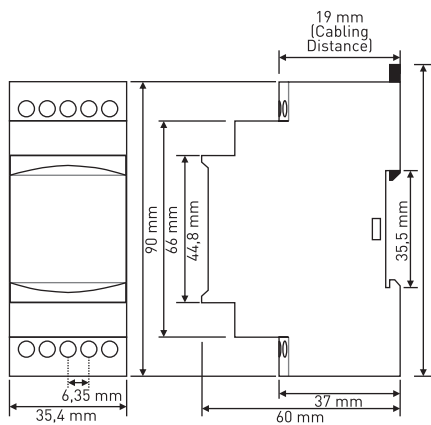
TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
Operating Voltage	140V-300VAC V(L-N)
Operating Frequency	50 / 60 Hz
Operating Power	<6VA
Operating Temperature	-20°C.....55°C
Weight	<210Gr
Connection	3-Phase + N
Protection Functions	Over/Under Voltage; Supply Voltage Phase Sequence; Phase Absence Neutral Absence
Over Voltage	230V-300VAC V(L-N)
Under Voltage	140V-210VAC V(L-N)
Delay Time	0.1sec – 20sec
Reset Time	0.1sec – 20sec
Display	4 LEDS
Contact	1NO+1NC; 5A/250VAC
Protection Class	IP20
Connection Type	Terminal Connection
Cable Diameter	Max2.5mm ²
Mounting	DIN Rail Mounting
Working Altitude	<2000 meter

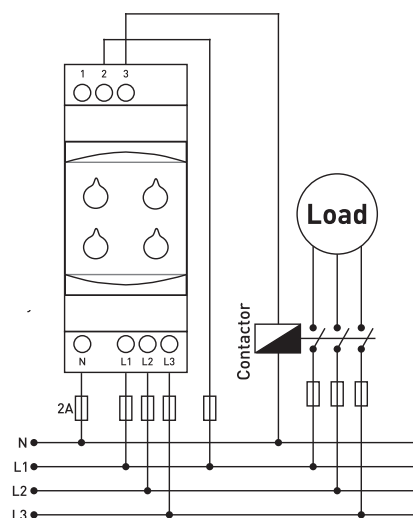
PHOTO



DIMENSIONS



CONNECTION DIAGRAM



Led Notifications By Errors

Error	LV LED	HV LED	⚡ LED	⊘ LED
No error. Phase sequence and voltages are normal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
It counting the delay time for low voltage error.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Low voltage error.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It counting the delay time for high voltage error.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High voltage error.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It counting the delay time for high & low voltage error.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High & low voltage error.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High voltage fuse protection.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low voltage fuse protection.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phase sequence and fault of phase absence.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inadequate supply voltage error.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neutral absence.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

LED is Off : LED is On : LED is Flashing :