

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

VCR-12F

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FEATURES

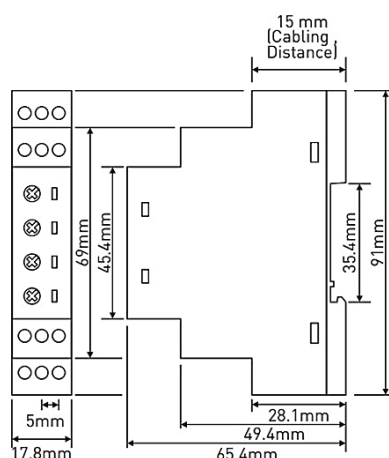
Window-type current transformer with sealable terminal cover, suitable for primary currents from 40A to 600A AC; available in 1 A or 5A AC secondary current; and accuracy classes 0.5, 1.0, 3.0 or Class 5.0.

TECHNICAL DATA

PARAMETER	VALUE
Operating Voltage	140V-300V AC
Operating Frequency	50 / 60 Hz
Operating Power	<6VA
Weight	<210Gr
Connection	3-Phase+N
Protection Functions	Over/Under Voltage: Supply Voltage Phase Sequence: Phase Absence Natural Absence
Over Voltage	230V-300V
Under Voltage	140V-210V
Delay Time	0.1 sec – 20 sec
Reset Time	0.1 sec – 20 sec
Display	4 LEDs
Contact	1NO + 1NC; 5A/250VAC
Protection Class	IP20
Connection Type	Terminal Connection
Cable Diameter	Max1.5mm ²
Mounting	DIN Rail Mounting
Working Altitude	<2000m



DIMENSIONS



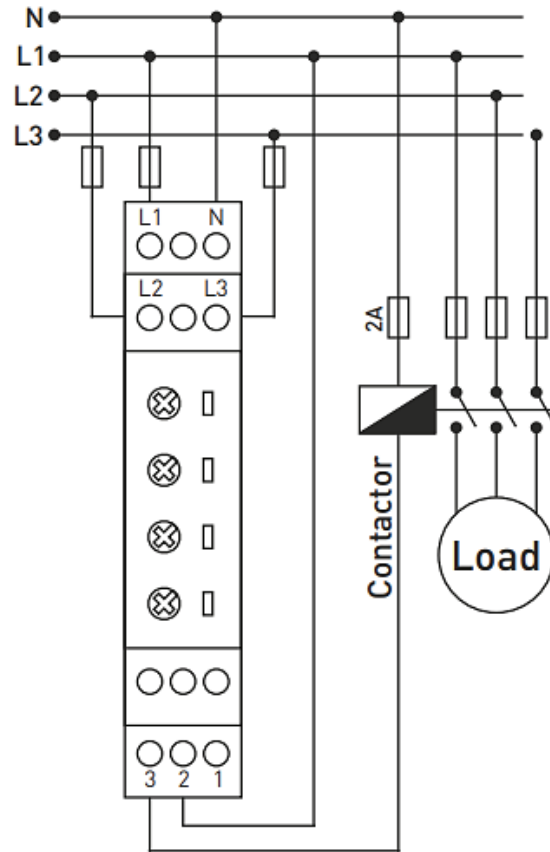
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CONNECTION DIAGRAM



Led Notifications By Errors

Error	LV LED	HV LED	⚡ LED	⚡ LED
No error. Phase sequence and voltages are normal.	□	□	□	■
It counting the delay time for low voltage error.	■	□	□	■
Low voltage error.	■	□	□	□
It counting the delay time for high voltage error.	□	■	□	■
High voltage error.	□	■	□	□
It counting the delay time for high & low voltage error.	■	■	□	■
High & low voltage error.	■	■	□	□
High voltage fuse protection.	□	■	□	□
Low voltage fuse protection.	■	□	□	□
Phase sequence and fault of phase absence.	□	□	■	□
Inadequate supply voltage error.	■	■	□	□
Neutral absence.	□	□	■	□

LED is Off : □

LED is On : ■

LED is Flashing : ▣