



CM-003N
(Standard Size)



CM-003N
(Mini Size)

DESCRIPTION

- AC voltage measurement and display meter TRUE RMS at 50 - 60 Hz frequency and direct current (DC) voltage
- Measuring area 5 - 500 VAC , 0-500 VDC
- Display with 7 - Segment 4 digits, 0.56 inches (for CM - 002N) and size 0.39 inches (for DCM-002N)
- There is 1 Alarm Relay Output with 4 Alarm Function in the settings.
 - Absolute Value High Low Band Alarm
 - Absolute Value High Alarm
 - Absolute Value Low Alarm
 - Absolute Value High Low Range Alarm
- The PT Ratio can be set from 1 - 400 display to 9,999 and LED display kV unit
- Available in 2 sizes, CM-003N (48 x 96 mm.) And DCM-003N (35.25 x 79.6 mm.)

OPERATION

CM - 003N / DCM - 003N is a measuring device And display the AC voltage TRUE RMS Type with a 5 - 500 VAC measurement area and can set the PT ratio from 1- 400. The DC voltage model has a measurement range from 0 - 500 VDC. Straight type with 1 alarm relay output with 4 functions in settings for editing Load as needed

APPLICATION

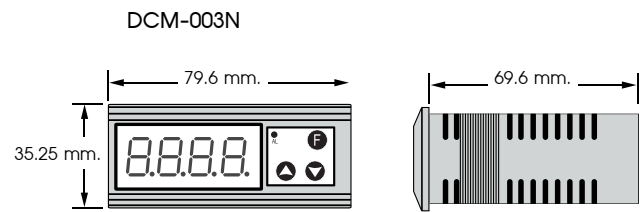
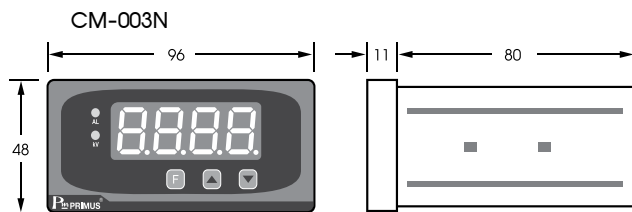
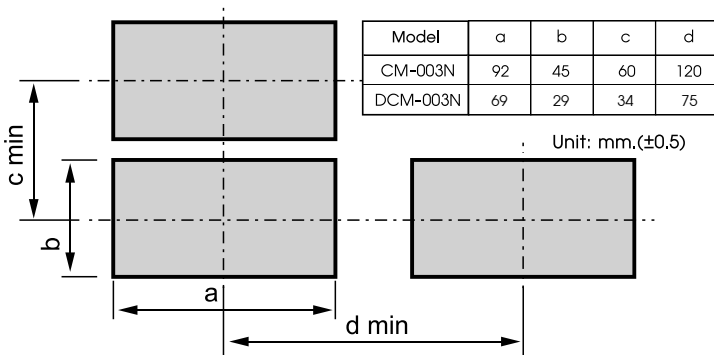
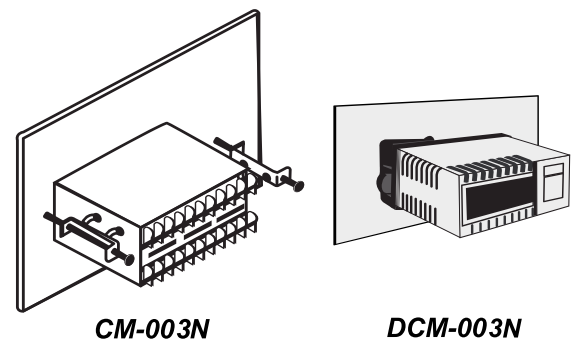
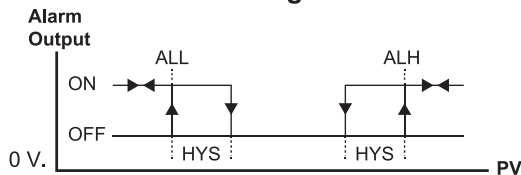
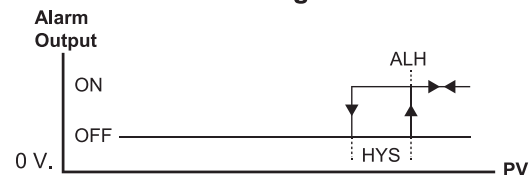
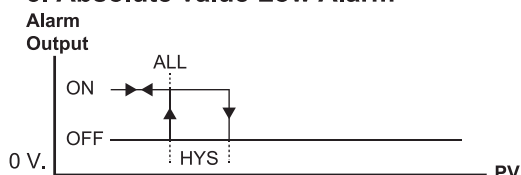
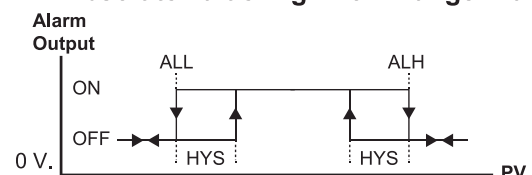
- Installed in the control cabinet
- To show the current value
- Food industry factory
- General industrial plants

TECHNICAL SPECIFICATION

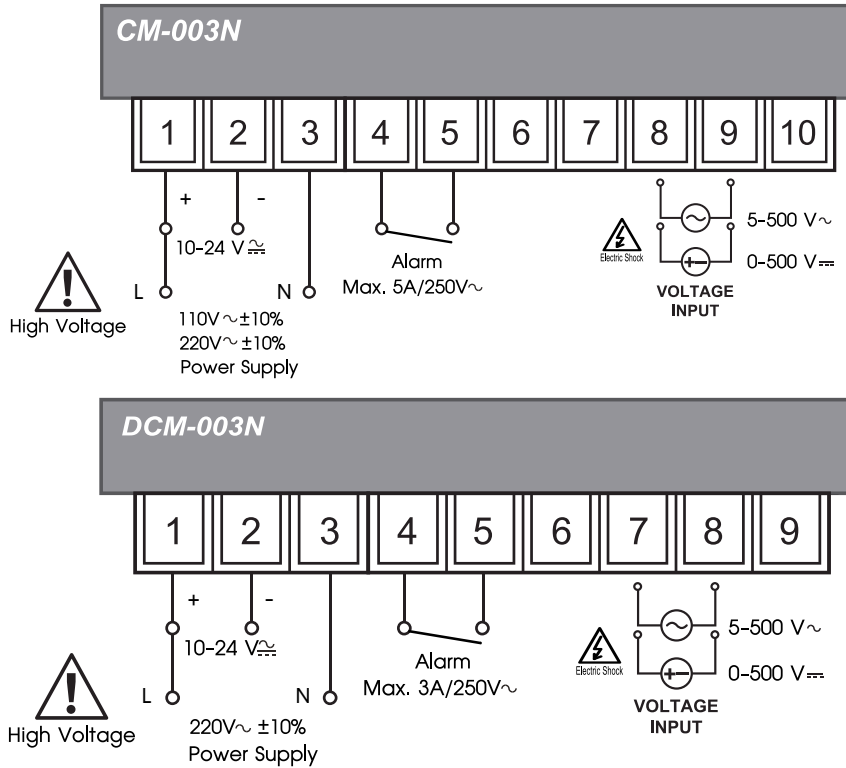
Model.		CM-003N	DCM-003N
Power Supply		220 VAC ±10 % 50-60 Hz	
		110 VAC ±10 % 50-60 Hz	-
Power Consumption		10 - 24 VAC/VDC	
Power Consumption		3 VA	2.5 VA
Display		7-Segment, 4 Digit	
		Size 0.56 Inch	Size 0.39 Inch
Input	AC	5-500 VAC 50 Hz	
	DC	0-500 VDC	
	Accuracy	± 0.5% of Full Scale	
	PT Ratio	1-400	
	Input Impedance	2 MΩ	
Output		1 Alarm 5A/250 VAC	1 Alarm 3A/250VAC
Ambient Operation		Temperature	-10 °C to 60 °C
		Humidity	85 % RH Non-Condensing
Ambient Storage		Temperature	-20 °C to 80 °C
		Humidity	85 % RH Non-Condensing

TECHNICAL SPECIFICATION

Model.		CM-003N	DCM-003N
Protection Degree	Front Protection Rating	IP52	
	Case Protection Rating	IP30	
Installation		Panel, Mounting	
Material		ABS-V0	
Size (mm.)		48 x 96 x 80	35.25 x 79.6 x 69.6
Weight		225 g.	150 g.

DIMENSION

CUTTING PANEL

INSTALLATION

ALARM FUNCTION
1. Absolute value High Low Band Alarm

2. Absolute value High Alarm

3. Absolute value Low Alarm

4. Absolute value High Low Range Alarm


WIRING DIAGRAM



WARNING

- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

ORDERING CODE

CM-003N -		INPUT	-	POWER SUPPLY
		1	-	024
		2	-	110
			-	220

INPUT		CODE	POWER SUPPLY
1	AC Input (5-500VAC)	024	10-24 VAC/DC
2	DC Input (0-500VDC)	110	110 VAC
		220	220 VAC

DCM-003N -		INPUT	-	POWER SUPPLY
		1	-	024
		2	-	220

INPUT		CODE	POWER SUPPLY
1	AC Input (5-500VAC)	024	10-24 VAC/DC
2	DC Input (0-500VDC)	220	220 VAC