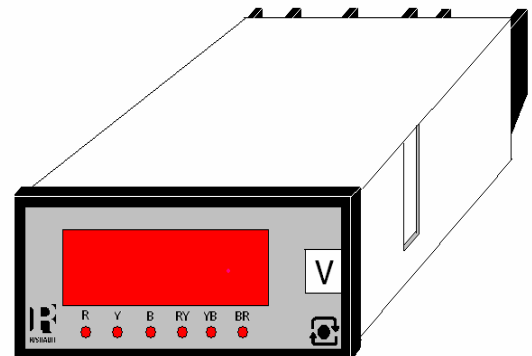
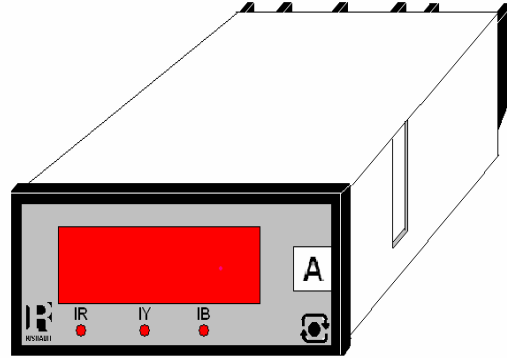


Features:

- Available in Size 48mm x 96mm
- 3PH. AC Voltage or Current ranges.
- On site Programmable CT / PT ratio.
- Built in selector switch to Display Phase Currents (R, Y, B) in ACI and Phase to neutral Voltages (R, Y, B) and Line to Line Voltages (RY, YB, BR) in ACV.
- Available in 3PH. 3 WIRE and 3PH. 4 WIRE Versions.
- 3 ½ digit ultra bright Display.
- User defined Caption.
- Auxillary Power Supply : AC – 115V, 230V and DC - 24 V.



Highly adaptable DPMs suitable for a wide range of measuring applications.

Versions available for 3PH. AC Current or 3PH. AC Voltage inputs.

The chosen input range is user adjustable, from 5% to 100% of the full-scale value, for simple adaptation of the digital readout to the input value.

Applications

The digital panel meters RISH DPM 48 x 96 have been designed for industrial applications, which frequently require precise and on-site adjustment of the display range.

It can be used in industrial automation and for laboratory uses.

Description

RISH DPM 48/96 3 PH. ACI / ACV :

ACI	3PH. Current measurement (AC)
ACV	3PH. Voltage measurement (AC)

3 ranges for power supply are available.

Applicable Regulations and Standards

Device safety	to IEC EN 61 010
EMC immunity	DIN EN 61 000-4-1 to 4
EMC radiated interference	DIN EN 50 081 Class B

Specifications :

Display :	Display range	: 1999
	Decimal point position	: Selectable by short links at the frontside of Display.
	Negative display indication	: " - "
	Digit height	: 14 mm / 7- segment digits.
	Ove rload indication	: Last 3 digits blank.

Measuring ranges :

Model	3PH. ACI
System	3PH. 3 WIRE or 3PH. 4 WIRE
Current Ranges Available (Voltage drop < 600 mV / Phase)	0...1A [45 65 Hz] or 0...1A [400 Hz] or 0...5A [45 65 Hz] or 0...5A [400 Hz] .

Model	3PH. ACV
System	3PH. 3 WIRE or 3PH. 4 WIRE
Voltage Ranges Available (Input current < 600 μ A / Phase)	0...110 V L-L [45 65 Hz] or 0...110 V L-L [400 Hz] or 0...240 V L-L [45 65 Hz] or 0...240 V L-L [400 Hz] or 0...415 V L-L [45 65 Hz] or 0...415 V L-L [400 Hz] or

Accuracy :

Versions 3PH. ACI / ACV :	Measuring Accuracy Current (Voltage drop < 600 mV/Phase)	< 0.5% + 1 digit.
	Measuring Accuracy Voltage (Input current < 600 μ A/Phase)	< 0.5% + 1 digit
	Temperature coefficient	100 ppm/ $^{\circ}$ C, plus .
	Zero point drift	200 ppm/ $^{\circ}$ C .
	Range adjustment span	from 5% to 100% of range.



RISHABH INSTRUMENTS PVT. LTD.

F-31, Satpur M.I.D.C., Nashik 422 007.

Tel.: 0253 – 2202203 / 2202150

Fax : 0253 – 2351064

E-mail : marketing@rishabh-instruments.com

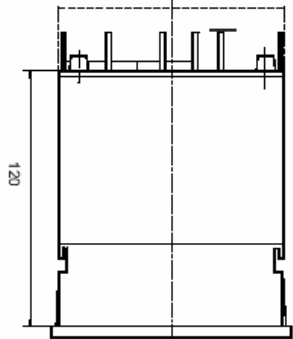
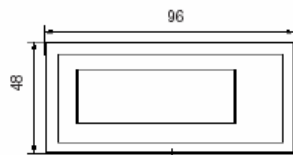
Website : www.rishabh-instruments.com

RISH DPM 48/96 3PH. ACI/ACV

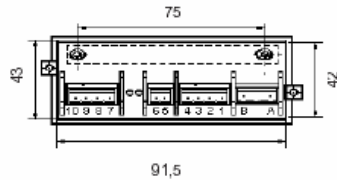


Power supply	Direct voltage DC	: 24V (21...30V)	5.5W approx. (isolated).
	Alternating voltage AC	: 115V + 10% -15%	5.5W approx. (isolated).
		: 230V + 10% -15%	5.5W approx. (isolated).
	Frequency	: 47 – 60 Hz.	
Ambient conditions	Operating temperature	: 0 ... 50 °C.	
	Storage temperature	: - 25 ... 70 °C.	
Dimensions and Weights	Bezel size	: 96 mm x 48 mm DIN 43 718	
	Panel cut-out	: 92 + 0.8 mm x 43.5 + 0.6 mm.	
	Overall depth	: 138 mm.	
	Weight	: 500 gm. Approx.	
Sundry	Connections	: Plug-in screw terminal blocks.	

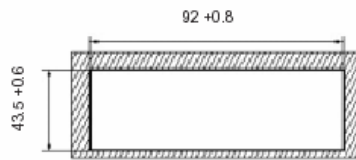
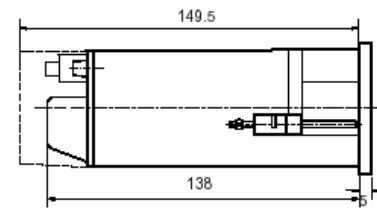
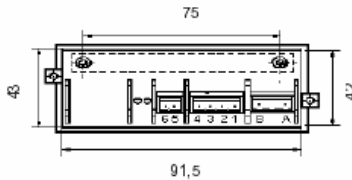
Design & Installation



Mounting position for 3PH. ACI

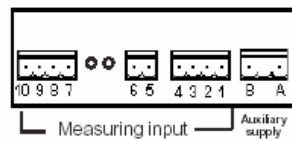


Mounting position for 3PH. ACV

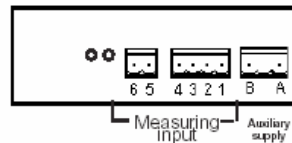


Installation cut-out

Connections : 3PH.ACI



3PH.AC V



RISHABH INSTRUMENTS PVT. LTD.

F-31, Satpur M.I.D.C., Nashik 422 007.

Tel.: 0253 – 2202203 / 2202150

Fax : 0253 – 2351064

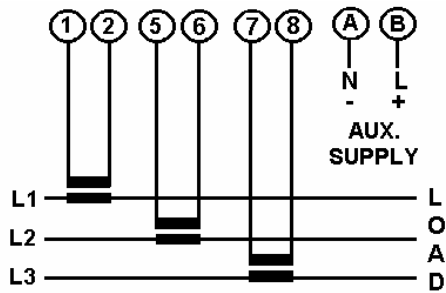
E-mail : marketing@rishabh-instruments.com

Website : www.rishabh-instruments.com

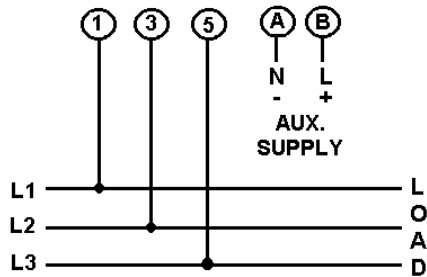
Connections Diagram :

Decimal point Adjustment :

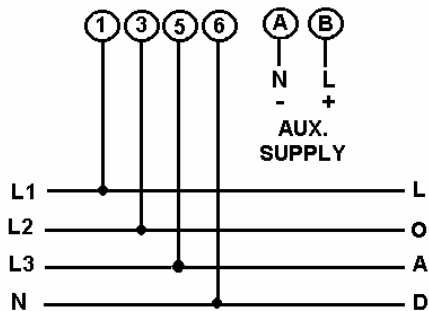
CONNECTION FOR 3PH. 3 WIRE / 4 WIRE ACI



















CONNECTION FOR 3PH. 3 WIRE ACV



CONNECTION FOR 3PH. 4 WIRE ACV



Short Link Setting	Display
11  12  13  14 	XXXX
11  12  13  14 	X.XXX
11  12  13  14 	XX.XX
11  12  13  14 	XXX.X

Order Details	Example	Example
Type :	..... RISH DPM 48/96 3PH. ACV	RISH DPM 48/96 3PH. ACI
System Type :	..... 3PH. 4WIRE ACV	3PH. 3WIRE ACI
Measuring Input :	..... 0 ... 415VL-L	0 ... 1 A
Input Frequency :	..... 50Hz	60Hz
Display Full-Scale :	..... 0 ... 500	0 ... 1000
Display caption :	..... V	A
Options :	.....
Aux. Supply :	..... 230 V AC, 50 Hz.	24 V DC