

MONITORING BASIC STATION

Item No.: 491.741



Actual product may vary

DESCRIPTION OF FUNCTIONS

The measuring equipment control cabinet for centrally recording and processing all system data in your PV power plant, for outdoor use.

- Centralized data acquisition and communication with VCOM
- Depending on the system topology blue'Logs, MX-Modules and further components can be built in if required
- The pre-wired components allow quick installation and commissioning
- Low-maintenance control cabinet cooling unit allows outdoor installation

TECHNICAL DATA

Supply voltage:	120 V AC single phase, 10 FLA
Current consumption:	2.2 A
Protection category:	IP 66 / NEMA 4 / UL508A
Dimensions (H x W x D):	600 x 500 x 210 mm (24"x 20"x 8.3")
Weight:	22.49 kg (50 lb.)
Installation:	Wallmounted

INTERNAL POWER SUPPLY

Component:	Power supply unit 24 V DC $\pm 1\%$, 10 A
Nominal input voltage range:	100 ... 240 V AC, 45 ... 65 Hz
Current consumption:	2.2 A (120 V AC) – 1.3 A (230 V AC)
Efficiency:	>92.5 % (for 230 V AC and nominal values)

CABLE CONNECTIONS

2 x Cord Grip 3/4" NPT
1 x Cord Grip 1/2" NPT

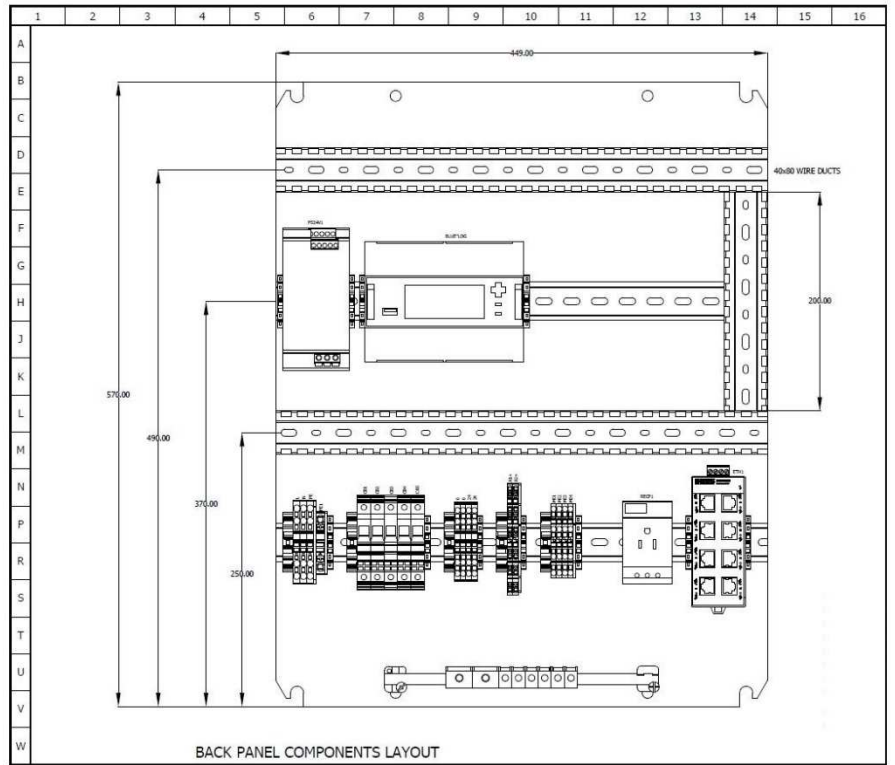
COMMUNICATION

Industrial Ethernet Switch	
Interface 1	Ethernet (RJ45) 8 ports
Transmission Speed	10/100 Mbps

EQUIPMENT

Power supply unit 24 V DC $\pm 1\%$, 10 A
Industrial Ethernet (RJ45) 8 ports Switch
blue'Log X-Series

SCHMATIC DIAGRAMS



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