MONITORING STATION
SMALL / MEDIUM

Item No.:
- Small: 491.761
- Medium: 491.771

DESCRIPTION OF FUNCTIONS

The measuring equipment control cabinet for centrally recording and processing all system data in your PV power plant:
- 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
- Monitoring Station Medium ready for router installation
- Dedicated AC and DC Breakers
- Easy access push terminals for improved field wiring
- UL Certified

TECHNICAL DATA

Supply voltage:
120 V AC single phase, 10 FLA

Protection category:
NEMA 4 Enclosure, with Conduit cutout capability

Dimensions (H x W x D):
16 x 14 x 8 inches

Weight (blank enclosure):
7.7 kg (16 lb.)

INTERNAL POWER SUPPLY

Component:
Power supply unit 24 V DC, 5 A

Nominal input voltage range:
90 … 264 V AC, 47 … 63 Hz

Efficiency:
88%

CABLE CONNECTIONS

NEMA 4 Cable glands for conduit free installation

COMMUNICATION

Small and Medium Station
Industrial Ethernet Switch

Interface:
Transmission Speed: Ethernet (RJ45) 5 ports
10/100 Mbps

Medium Station
Cellular Router:
Digi Router WR21

EQUIPMENT

Power supply unit 24 V DC, 5 A
Industrial Ethernet (RJ45) 5 port Switch
blue Log X-Series (XM-200 for small option and XM-1000 for medium)
Digi Router WR 21 (only for medium box option item #: 491.771)