MONITORING
BASIC STATION
Item No.: 491.741

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 ±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
Transmission Speed: Ethernet (RJ45) 8 ports 10/100 Mbps

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