

- Enclosure
  - 16-gauge galvanized steel
  - IP20 Rating
  - UL Listed
  
- Dimensions (Enclosure can be in-wall, or on-wall mounted)
  - Enclosure in-wall dimensions  
Height: 23.50 in (597 mm), Width: 14.375 in (366 mm), Depth: 4.375 in (112 mm)
  - Enclosure on-wall dimensions  
Height: 23.50 in (597 mm), Width: 15.375 in (391 mm), Depth: 4.375 in (112 mm)
  - Enclosure cover dimensions  
Height: 24.25 in (616 mm), Width: 16.125 in (410 mm)
  - Recommended wall cut-out dimensions  
Height: 23.75 in (604 mm), Width: 14.5 in (369 mm)
  
- Weight
  - 35lbs (shipping weight)
  
- Environmental
  - Indoor (IP20) installation rated only
  - Temperature 32° to 104° F (0° to 40° C)
  - Humidity (@ 25 °C) 10% to 90% RH (non-condensing)
  
- Power Input
  - Single Phase
  - 120 VAC Nominal Voltage
  - 60 Hz Nominal Frequency
  
- Surge Suppression
  - 120 VAC nominal voltage
  - 150 VAC maximum continuous voltage
  - 26A (@ 30 °C) Rated load current
  - $\leq 5 \mu\text{A}$  Residual current IPE
  - 3 kA Nominal discharge current  $I_n$  (8/20)  $\mu\text{s}$
  - Voltage protection level Up
    - L-N  $\leq 0.85 \text{ kV}$
    - L-PE  $\leq 0.95 \text{ kV}$
    - N-PE  $\leq 0.95 \text{ kV}$
  - TOV behavior at UT
    - L-N
      - 240 V AC (5 s / withstand mode)
      - 240 V AC (120 min / withstand mode)
    - L-PE
      - 240 V AC (5 s / withstand mode)
      - 240 V AC (120 min / withstand mode)
    - N-PE
      - 1200 V AC (200 ms / safe failure mode)

- Response Time tA
  - L-N  $\leq$  25ns
  - L-PE  $\leq$  100ns
  - N-PE  $\leq$  100ns
- Short Circuit current rating ISCCR
  - 1.5kA AC
  - .25kA DC
- V-0 Flammability rating according to UL 94
- 2 - Degree of pollution
  
- Internal Power Supply
  - 24 VDC Nominal output voltage
  - 5A Nominal output current
  - 7.5A Dynamic boost current
  - <30 VDC Surge protection against internal surge voltages
  - EN 61000-4-12 Standards/regulations
  - Conformance with Low Voltage Directive 2014/35/EC
  - IEC 61010 (SELV) / (PELV) Standard – Safety extra-low voltage
  - DIN VDE 0100-410 Standard – Safe Isolation
  - EN 61000-6-4 (Class A) Conducted noise emissions
  - Shock - 30g, 18 ms according to IEC 60068-2-27
  - Overvoltage category II (EN 61010-1)
  - UL Listed UL 61010
  - UL/C-UL Listed ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C
  
- Energy Storage (Internal UPS battery)
  - Storage medium – Lead rechargeable battery
  - 24 VDC Nominal input voltage
  - Buffer period
    - 20 min 2A
    - 5min 5A
  - 15A Maximum output current
  - 15A Output fuse
  - Connection in acc. with standard | CUL
  - Standard EN 60950-1/VDE 0805 (SELV) - Electrical safety
  - Standard EN 50178/VDE 0160 (PELV) – Electronic equipment for use in electrical power installations and their assembly into electrical power installations
  - Shipbuilding approval DNV GL (EMC A), ABS
  - UL approvals UL/C-UL listed UL 508
  - UL/C-UL Recognized UL 60950-1
  - UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
  - VdS approval G 196049
  - Shock 18 ms, 30g, in each space direction (according to IEC 60068-2-27)
  - Vibration (operation)
    - 15 Hz, amplitude  $\pm$ 2,5 mm, 15 Hz ... 150 Hz, according to IEC 60068-2-6
    - 15 Hz ... 150 Hz, 2.3g, 90 min.
  - 2 - Degree of pollution
  - Disposal - Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

- Enclosure power distribution
  - 15A Max current carrying capacity per branch
  - 30A Total current (P1 and p2)
  - 2.2kV Rated surge voltage
  - Overvoltage category III
  - IEC 60664 – Standard
  - DIN EN 50178 – Standard
  - 2 - Degree of pollution

## Accessories (not included with, or part of the equipment package)

- Breaker Control (QOXXXPLILC)
  - 120/240 VAC nominal voltage
  - Line rated current – Dependent on model selected
  - 15 AMP Single Pole
  - 20 Amp Single Pole
  - 20 Amp Double Pole
  - 30 Amp Double Pole
  - 40 Amp Double Pole
  - 50 Amp Double Pole
  - 10kA Short circuit current
  - 10kA at:120/240 VAC 50/60 Hz
  - 50ms Remote switching time
  - CSA Certification
  - UL Listed