**2021 UPDATED Surge Protection Device “Drawing Specifications”**

**Complying with current UL & NEC Code Requirements**

**Surge Protection Device (SPD) Specifications**

Services 2,500Amps and larger- Provide UL 1449 Listed, 300kA SCR per phase, 20kA In, 200kAIC, Type 1/2 Rated SPD at each SE, Emergency, Critical Operation and Industrial Machinery panel per NEC and as shown on drawings. Model PQ Protection PQS300, with Audible Alarm, Surge Counter and redundant modules/indicator lights per mode and per phase. Connect to a 3pole, 30Amp dedicated CB, supplied be the panel manufacturer.

Services up to 2,500Amps- Provide UL 1449 Listed, 200kA SCR per phase, 20kA In, 200kAIC, Type 1/2 Rated SPD at each SE, Emergency, Critical Operation and Industrial Machinery panel per NEC and as indicated on drawings. Model PQ Protection PQM200-S, with Audible Alarm, Surge Counter and redundant modules/indicator lights per mode and per phase. Connect to a 3pole, 30Amp dedicated CB, supplied be the panel manufacturer.

Provide UL 1449 Listed, 100kA per phase SCR, 20kA In, 200kAIC, Type 1/2 Rated SPD at each elevator disconnect per NEC. Model PQ Protection PQC100.

Fire Pump Controller SPD shall be provided by Fire Pump manufacturer and comply with NEC requirements.

Provide UL 1449 Listed, 100kA per phase SCR, 20kA In, 200kAIC, Type 1/2 Rated SPD at each emergency branch panel per NEC and additional branch panels as indicated on the drawings. Connect to a 3pole, 30Amp dedicated CB, supplied by the panel manufacturer.

For AHCA SPD requirements provide the above and additionally provide PQ Protection PQD Series on all exterior circuits entering or exiting the structure.

Contact PowerLogics for pricing (800) 357-8743