THE PQ PROTECTION SERIES

SURGE PROTECTION DEVICES

PQM200 SURGE PROTECTION DEVICE

PRODUCT SPECIFICATIONS	
Safety Listings:	UL 1449 4th Edition
UL 1449 - Ed. 4 Location Rating:	Type 1 and Type 2
IEEE C62.41 Location Rating:	Category C3 - High & Category B3 - Medium
Nominal Discharge Current Rating:	20kA (In)
Maximum Surge Current Rating:	100kA per mode; 200kA per phase
Fault Current (SCCR):	200kAIC
Maximum Continuous Operating Voltage (MCOV):	Meets UL1449 Minimum Requirement of 115% of Nominal
Ultra2X - TOV Protection:	"Ride-Through" 60Hz TOV Up to 2X Nominal Operating Voltage
Product Design:	Modular per mode/phase, thermal protected MOV's
Connection Method:	Parallel, supplied with 36" 10AWG leads
Recommended Breaker Size:	30Amp
Protective Components:	Thermal MOV's and phase level Fusing
Response Time:	< 1 Nanosecond
Frequency, Operating Temp & Humidity:	50/60Hz, -40 to 176° F, 0%-95%
Status Indicators:	Audible alarm, redundant indication per phase & per mode, remote alarm contacts & optional surge counter
Enclosure Type:	NEMA 4/12, pending UL Type 4
Installation Location:	Indoor or Outdoor
Enclosure Material:	Metal (powder coated aluminum)
Weight:	6.2 lbs.
Warranty:	10 Years

Voltage Configurations		VPR L-N	VPR L-L	VPR L-G	VPR N-G
120/240[1]	120/240, 1 phase, 3W + ground	600	1000	600	600
120/208[1]	120/208, 3 phase, 4W + ground	600	1000	600	600
277/480[1]	277/480, 3 phase, 4W + ground	1000	1800	1200	1200
120/240D[2]	120/240D, 3 phase hi-leg delta	1000	1800	1200	1200
240D[2]	240 Delta 3W + ground (no neutral)*		1000	1000	
480D[2]	480V Delta 3W + ground (no neutral)*		1800	1800	

[1] Available with Surge Counter, [2] Indicates models ETL listed

PRODUCT OPTIONS
Flush Mounting Kit: **PQM200FP**
Side Mount Kit: **PQSM**
Surge Counter & Filtering Option: Replace "M" with "S" In Model Number
Replacement Module(s): **PQM200-MOD**
Replacement Fuse(s): **PQFUSE**
Switchboard Top Mount Kit: **STMK200**

Model Number Example:

PQM200 120/240

or

PQS200 120/240

Height - 9.45"
Width - 5.2"
Depth- 3"

UL 1449 4th Edition Listed &
ANSI/IEEE Category C3 High Exposure Level

The PQM200 Model SPD is specifically designed for critical protection applications and can be installed at service entrance/ MDP's, distribution panels or directly at critical loads.

The distinctive slim enclosure design of the PQM200 model allows for installation between electrical panels where space is often limited - this further allows for a proper installation where connected lead lengths can be kept to a minimum.

Inherent to the exclusive compact replaceable multi-module design of the PQM200 Model is a product design feature which incorporates a standard integral fused disconnecting means making Type 1 application safe and Type 2 application where a breaker is not available, a simple installation.

The PQM200 Model has per phase and per mode (e.g. L-N, L-G & N-G) status indicators showing whether there is protection loss and specifically where it is. An audible alarm will sound in the event of any loss of protection and remote alarm contacts are standard for remote monitoring capabilities.

A Ten Year product warranty is offered which includes replacement should the product fail due to transient voltages or workmanship defects in manufacturing.

Featuring ***Ultra2X*** technology has been specifically designed to meet and exceed the safety requirements for the abnormal over-voltage testing of UL 1449 Edition 4. Many SPD's permanently disconnect all protection from the circuit during a sustained over-voltage event, not a transient. ***Ultra2X*** technology allows the SPD to experience an abnormal sustained over-voltage up to twice its nominal operating voltage and still remain operational during and after this event. ***Ultra2X*** technology allows the SPD to provide reliable and continuous protection to your sensitive electronic equipment.

Ultra2X technology is recommended for all sites and especially those where sustained over-voltages are known to occur and where failure of traditional SPD technologies cannot be tolerated

Corporate Headquarters: 1117 Marbella Plaza Drive | Tampa, FL 33619
PH: 800.357.8743 / www.PQprotection.com / **email**: info@pqprotection.com
UL File: VZCA.E335441 **Copyright** © 2017