THE PQ PROTECTION SERIES

SURGE PROTECTION DEVICES

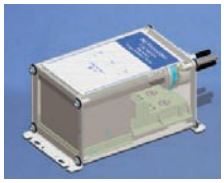
PQC100 SURGE PROTECTION DEVICE

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:	50kA per mode; 100kA 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:	Compact, 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 Temperature:	50/60Hz, -40 to 176° F
Status Indicators:	Indication per phase & remote alarm contacts
Enclosure Type:	NEMA 4/12, pending UL Type 4
Installation Location:	Indoor or Outdoor
Enclosure Material:	Metal (powder coated aluminum)
Weight:	2.2 lbs.
Warranty:	10 Years

Voltage Configurations		VPR L-N	VPR L-L	VPR L-G	VPR N-G
120/240	120/240, 1 phase, 3W + ground	600	1000	600	600
120/208	120/208, 3 phase, 4W + ground	600	1000	600	600
277/480	277/480, 3 phase, 4W + ground	1000	1800	1200	1200

PRODUCT OPTIONS
Flush Mounting Kit: **PQCFP**
Side Mount Kit: **PQSM**

Model Number Example: PQC100 120/240



Height - 6"
Width - 3.25"
Depth- 3"

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

The PQC100 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 PQC100 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.

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 sites where sustained over-voltages are known to occur and where failure of traditional SPD technologies cannot be tolerated.

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UL File: VZCA.E335441