PQ GLOBAL

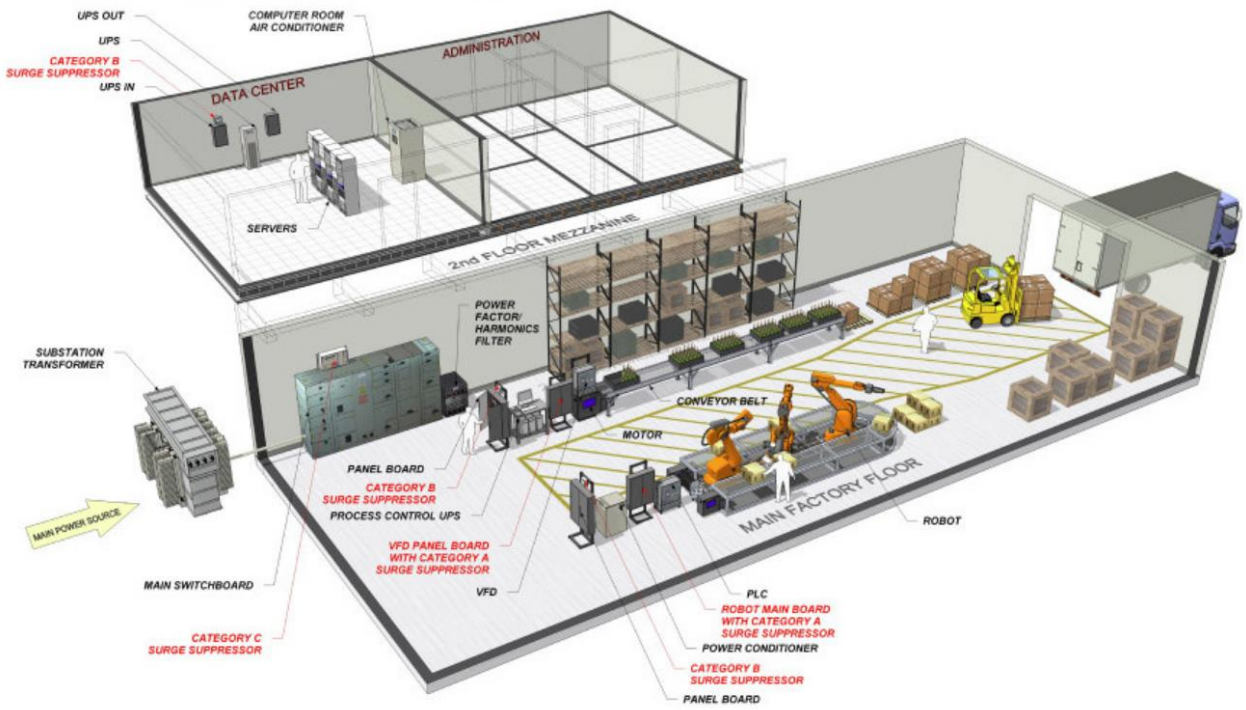
INDUSTRIAL MANUFACTURING

Install PQ Global Voltage Surge Protection!

Don't let voltage transients damage YOUR CRITICAL EQUIPMENT!

Effects of Transients on Industrial Facilities:

- Downtime (Loss of Revenue)
- PLC Damage
- VFD Damage
- Robotic Equipment Damage
- CNC Damage
- Data Room Computer Damage



Quick guide for Industrial Equipment protection from voltage transients

Selecting the correct transient protection for your installation is easy:

CATEGORY C (Service Entrance)
XAS – 500, 400, 300 KA
MVF – 120, 240 KA *

CATEGORY B (Branch Panel)
XDS – 150, 200 KA

CATEGORY A (Point of Use)
XMS – 72 KA
SPDee – 50 KA
DSF – (Surge with Filter) **

Specific equipment to protect:

SERVERS / COMPUTERS

ROBOTIC EQUIPMENT

PLC, CNC, VFD

UNINTERRUPTIBLE POWER SYSTEM (UPS)

POWER CONDITIONERS

MODEL	CAPACITY/PHASE	RESPONSE TIME	DIMENSIONS (inches, HxLxW)	WEIGHT
SPDee	50 KA	< 1 ns	3.26 x 3.31 x 3.26	1.6 lbs
XMS	72 KA	< 1 ns	8.3 x 3.6 x 3	3 lbs
XAS	300 KA	< 1 ns	12 x 12 x 7.5	25 lbs
XAS	400 KA	< 1 ns	12 x 12 x 7.5	25 lbs
XAS	500 KA	< 1 ns	12 x 12 x 7.5	25 lbs
DSF	Surge/Filter	< 0.5 ns (normal mode)	5 x 2.5 x 3.7	1.2 lbs
DSF	Surge/Filter	< 5 ns (common mode)	5 x 2.5 x 3.7	1.2 lbs
MVF	120 KA	< 1 ns	12 x 12 x 6	65 lbs
MVF	240 KA	< 1 ns	12 x 12 x 6	65 lbs

* MVF is a Medium Voltage Surge Protector for voltages 1,000 to 5,000V
** DSF is a Surge Protector with filter installed in series to protect Controls, VFD, and other sensitive electronics

10 Year Warranty
(on workmanship and materials)

UL1449 4th Edition File: VZCA2.E321351 at www.UL.com
CUL, UL 1283, ANSI/IEEE C62.41.2-2002, and C62.45-2002
IEC 61643, CE
RoHS Compliant
Made in USA

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