

ASCO PULSAR® 450 Surge Suppressor

Features:

- Pulsar technology protects linear & non-linear loads
- Available with all modes of protection (L-G, L-L, L-N, N-G)
- Unique four cavity sand packed UL94-5V rated housing
- UL 1449, 2nd Edition 2007 Revision / UL 1283 and CSA listed
- Suitable for mounting internal or external to panelboard
- LED status indication of normal operation, under voltage, power loss, phase loss or component failure
- Form C dry contacts for external alarm or monitoring
- Single and three phase configurations available
- Gray Noryl Housing rated NEMA 12, 4 and 4X
- Service network with ASCO trained and authorized technicians.
Call 1-800-800-ASCO.



The ASCO PULSAR® 450 provides unparalleled protection from power surges and transients for branch panels or any application where a compact size is necessary. The PULSAR® 450 is a field proven, high performance surge suppressor which limits large surges and transients through a unique array of computer matched, individually fused Metal Oxide Varistors (MOVs).

The PULSAR® 450 has repeatable surge current capability up to 80k amps per mode (equivalent to 160kA per phase) which insures long product life. The protection circuitry and fusing system are sand-packed and sealed to provide actual surge current ratings, a Short Circuit Current Rating of 200kAIC, and unsurpassed safety.

Ordering Information for ASCO PULSAR® 450 Surge Protector

Ordering Example : 450277Y80 → 277/480 VAC 4 Wire + gnd, L-N, L-G, N-G, L-L, 80kA/Phase.

Product Code	Voltage Code				Surge Code		Options
	1 ϕ Voltage	Code	3 ϕ Voltage	Code	Surge Current ⁴	Code	
450	120 120/240 208	120N 120S 208L	120/208 208 240/415 240 120/240 277/480 346/600 480 240/480 600	120Y 208D 230Y ¹ 240D 240H 277Y 346Y 480D 480H ² 600D	65,000A 80,000A	40 80	C = Relay Contacts F = EMI/RFI Filtering ³

1. Valid for 220Y/240Y per IEC
2. Delta High Leg
3. Optional feature on 65kA models, standard on 80kA models
4. Per mode

Voltage Code	
Code	65kA Protection Mode
N	Single Phase L-N
L	Single Phase L-L
S	Split Single Phase L-N, L-L
Y	Three Phase Wye L-N, N-G, L-L
D	Three Phase Delta L-L
H	Three Phase Delta Hi-Leg L-N, N-G, L-L

Voltage Code	
Code	80kA Protection Mode
N	Single Phase L-G, L-N, N-G
L	Single Phase L-G, L-L
S	Split Single Phase L-G, L-N, N-G, L-L
Y	Three Phase Wye L-G, L-N, N-G, L-L
D	Three Phase Delta L-G, L-L
H	Three Phase Delta Hi-Leg L-G, L-N, N-G, L-L

