

ASCO® PULSAR™ 451

High Performance Surge Suppressor



The ASCO PULSAR™ 451 is a field proven, high performance surge suppressor which provides unsurpassed protection from damaging power surges and transients. Rated from 100 kA to 400kA the PULSAR™ 451 is typically installed at the service entrance or any location having medium to high exposure to energy surges and transients.

High energy current diversion is handled by multiple, parallel systems of computer matched non-linear voltage dependent metal oxide varistor arrays. The protection circuitry is packed with specially formulated sand and then epoxy encapsulated. This unique design insures unmatched levels of redundancy and exceptionally long product life.

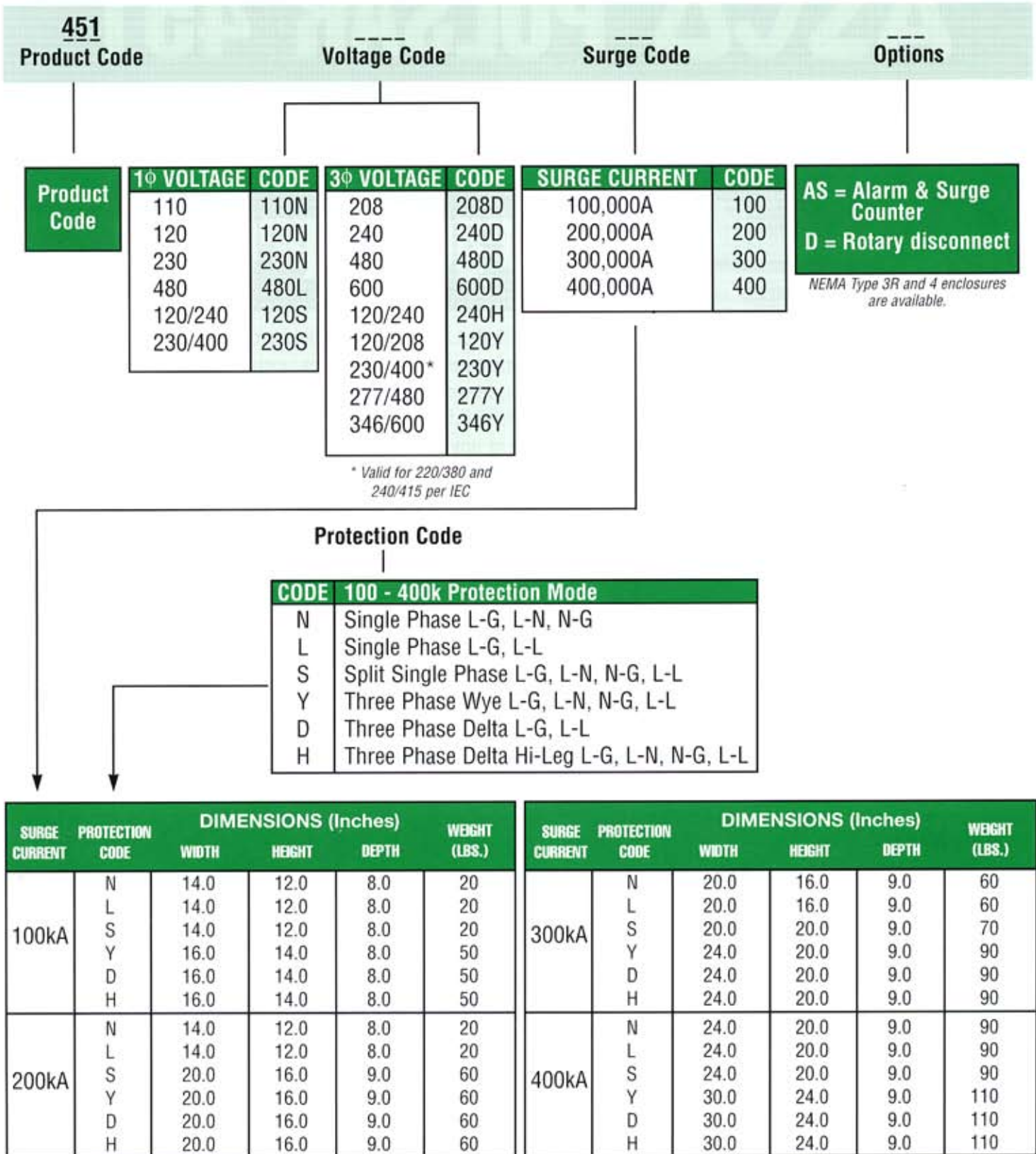
All ASCO PULSAR™ 451 models are mounted in standard NEMA 12 enclosures. A door mounted membrane status panel provides LED status indication of normal operation, under voltage, power loss, phase loss or component failure.

Features:

- Computer-matched "smart" MOV array technology for surge protection
- Unique sand-packed silver fuse network allows rated surge current to pass through without fuse operation
- Life cycle tested to survive repeated surge currents
- Available with all modes of protection (L-N, L-G, N-G, L-L)
- Sine wave tracking EMI/RFI filtering
- On-line system monitoring/testing for all suppression components in all modes of protection
- Form C dry contacts for remote system monitoring
- Optional features include: rotary disconnect switch, audible alarm, silencing circuitry and surge counter for normal and common detection modes
- UL rated 300kAIC at 600VAC
- UL1449, UL 1283 and CSA listed
- ANSI/IEEE C62.11, C62.41, C62.45 Categories A, B and C3 tested
- Service network with ASCO trained and authorized technicians. Call 1-800-800-ASCO

CATALOG NUMBERING SYSTEM FOR ASCO PULSAR™ 451 SURGE PROTECTOR

Ordering Example: 451277Y200 → 277/480 VAC 4 wire + gnd, L-G, L-N, N-G, L-L, 200kA/Phase.



Asco Power Technologies, L.P.

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