

VAL-SQ SP 80-120/208Y/FM


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Order No.: 2803894



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Surge protection device for 120/208 V AC Wye configurations. Uses a compact, NEMA rated enclosure that connects easily to an existing enclosure. Hybrid Sine Wave Tracking provides 80 kA surge protection.

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 046356 316118 |
| Note | Made-to-order |
| sales group | J102 |
| Pack | 1 pcs. |
| Customs tariff | 85363030 |
| Catalog page information | Page 70 (TT-2009) |

Product notes

WEEE/RoHS-compliant since:
07/31/2009



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Product description

Surge protection device for 120/208 V AC systems with 80 kA protection

Technical data

Standards

| | |
|---|---|
| Degree of protection | IP40 / NEMA 1 |
| Mounting type | 3/4 inch NPT male |
| Design | Parallel hybrid |
| Ambient temperature (operation) | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Altitude | 3658 m |
| Message: Surge protection fault | Phase LEDs Audible alarm Remote indicator contact |
| Direction of action | 3L-N & N-GND |
| Width | 250.00 mm |
| Height | 122.00 mm |
| Length | 79.00 mm |

Protective circuit

| | |
|------------------------------|--------|
| IEC category | I |
| Arrester rated voltage U_c | 150 V |
| Response time | < 1 ns |

Connection, protective circuit

| | |
|--|--|
| Type of connection | #10 AWG/5.26 mm ² wires (24 in./61 cm long) |
| Connection method | 4-wire + Gnd |
| Conductor cross section AWG/kcmil min. | 10 |
| Conductor cross section AWG/kcmil max | 10 |

Remote indicator contact

| | |
|--------------------|---|
| Type of connection | #24 AWG/0.205 mm ² wires (24 in./61 cm long) |
|--------------------|---|

Environmental conditions

| | |
|-----------------------|---|
| Standards/regulations | UL 1449 2 nd edition, February 2007 UL 1283 IEEE C62.41 IEEE C62.45 |
|-----------------------|---|

NEMA / UL data

| | |
|-------------------------------------|--------|
| UL type | type 2 |
| Maximum Surge Current per Phase | 80 kA |
| Short-circuit current rating (SCCR) | 22 kA |
| Maximum Circuit Breaker | 30 A |

Certificates / Approvals

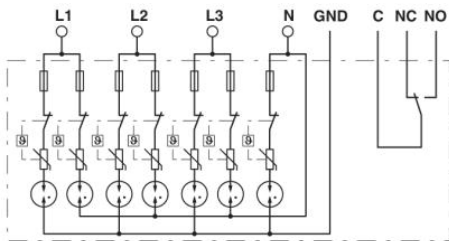


Certification

GOST

Diagrams/Drawings

Circuit diagram



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