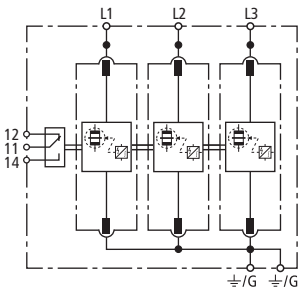
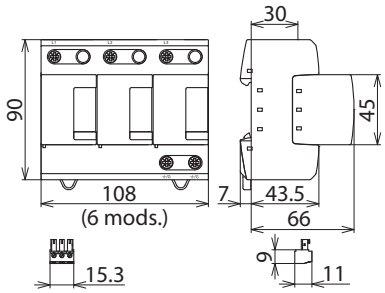
# DB MU 3PY 208 3W+G R (908 505)

- ANSI/UL 1449 – 4th Ed. recognised surge protection device (SPD)
- High discharge current capacity from DEHN´s patented lightning arrester gap technology
- Directly coordinated with DEHNguard MU surge protective devices without additional cable length






Basic circuit diagram




Dimension drawing

DIN rail mount, pluggable lightning current arrester consisting of a base part and plug-in protection modules for application in 3 Phase Wye electrical systems

NEW

| Type | DB MU 3PY 208 3W+G R |
|---|---|
| **Part No.** | **908 505** |
| **Standards** | |
| Certification | UL |
| UL Standard | UL 1449 5th edition |
| UL File Number | E319777 |
| **Test values according to UL 1449** | |
| Type (SPD classification) | Type 1 component assembly |
| Voltage protection rating (VPR) | 1500 / 2500 V |
| Nominal discharge current (8/20µs) ( $I_n$) | 20 kA |
| Maximum ambient temperature | 80 °C |
| AWG (conductors) | 2-4 Cu solid or stranded |
| Torque (conductors) | 65 Lbs-in |
| AWG (remote indicator) | 14 - 22 Cu |
| Torque (remote indicator) | 3 Lbs-in |
| **Technical data** | |
| SPD classification acc. to ANSI/UL 1449 4th Ed. | Type 1 Component Assembly SPD |
| Nominal System Voltage [L-G] / [L-L] ($U_N$) | 120 V a.c. / 208 V a.c. |
| Frequency | 50 / 60 Hz |
| Max. continuous operating voltage [L-G] / [L-L] (MCOV) | 150 V a.c. / 260 V a.c. |
| Lightning impulse current (10/350 µs) ($I_{imp}$) | 35 kA |
| Lightning impulse current (10x350 µs) [L1+L2+L3-G] ($I_{total}$) | 75 kA |
| Nominal discharge current (8/20 µs) ($I_n$) | 20 kA |
| Voltage Protection Rating [L-G] / [L-L] (VPR) | 1500 $V_{pk}$ / 2500 $V_{pk}$ |
| Short circuit current rating (SCCR) | 25 kA when installed with any class J fuse (150 - 200 A) or Littlefuse LVSP-60 kA |
| System type | 3 Phase Wye |
| Operating temperature range ($T_U$) | -40°C...+80°C |
| Operating state / fault indication | Green = Good ; Red = Replace Module |
| Cross-sectional area (min.) | 4 AWG / 25 mm² |
| Cross-sectional area (max.) | 2 AWG / 35 mm² |
| Terminal Torque Ratings | 65 Lbs-in |
| For mounting on | 35 mm DIN rails acc. to EN 60715 |
| Enclosure material | thermoplastic, red, UL 94 V-0 |
| Degree of protection | IP20 |
| Capacity | 6 Standard DIN module, DIN 43880 |
| Approvals | UL |
| Type of remote signalling contact | Floating (dry), Form C (SPDT) |
| Remote status NEC circuits | NEC Class 2 circuits only |
| Cross-sectional area for remote signalling terminals | AWG 14-22 / 2.5 mm² - 0.34mm² |
| Remote Status Terminal Torque Ratings | 3 Lbs-in |

| Masterdata | |
|---|---|
| Net weight | 861 g/pc(s) |
| GTIN | 4013364228139 |
| PU | 1 pc(s) |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.