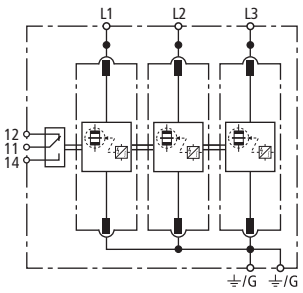
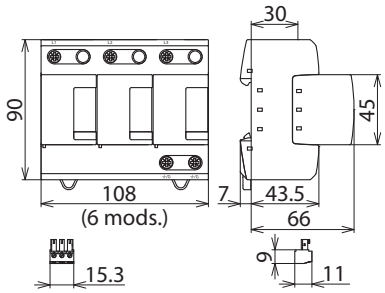
DB MU 3PY 480 3W+G R (908 506)

- 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 480 3W+G R
Part No.	**908 506**
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)	1800 / 3000 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)	277 V a.c. / 480 V a.c.
Frequency	50 / 60 Hz
Max. continuous operating voltage [L-G] / [L-L] (MCOV)	320 V a.c. / 555 V a.c.
Lightning impulse current (10/350 µs) (I_{imp})	25 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)	1800 V_{pk} / 3000 V_{pk}
Short circuit current rating (SCCR)	30 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	882 g/pc(s)
GTIN	4013364228146
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.

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: Tested • NEU: New • : Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component