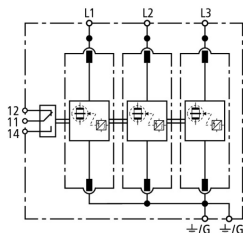


## DB MU 3PY 480 3W+G R (908 506)

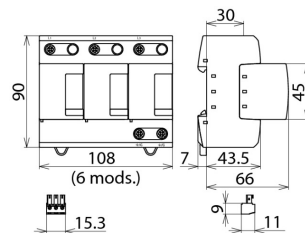
- ANSI/UL 1449 – 4<sup>th</sup> Ed. recognised surge protection device (SPD)
- High discharge current capacity from DEHN's patented lightning arrester gap technology
- Directly coordinated with DEHNgard MU surge protective devices without additional cable length



Figure without obligation



Basic circuit diagram DB MU 3PY 480 3W+G R



Dimension drawing DB MU 3PY 480 3W+G R

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

Type	DB MU 3PY 480 3W+G R
Part No.	908 506
SPD classification acc. to ANSI/UL 1449 4 <sup>th</sup> Ed.	Open-Type 1 SPD
Nominal system voltage [L-G] / [L-L] (U <sub>N</sub> )	277 V a.c. / 480 V a.c.
Nominal power system frequency	50 / 60 Hz
Max. continuous operating voltage [L-G] / [L-L] (MCOV)	320 V a.c. / 555 V a.c.
Lightning impulse current (10x350 μs) (I <sub>imp</sub> )	25 kA
Lightning impulse current (10x350 μs) [L1+L2+L3-G] (I <sub>total</sub> )	75 kA
Nominal discharge current (8x20 μs) (I <sub>n</sub> )	20 kA
Voltage protection rating [L-G] / [L-L] (VPR)	1800 V <sub>pk</sub> / 3000 V <sub>pk</sub>
Short circuit current rating (SCCR)	30kA when installed with any class J fuse (150 - 200 A) or Littlefuse LVSP-60
Electrical system	3 Phase Wye
Operating temperature range (T <sub>U</sub> )	-40°C...+80°C
Visual arrester status (non-power consuming design)	Green = Good ; Red = Replace Module
Minimum wire size	4 AWG / 25 mm <sup>2</sup>
Minimum wire size	2 AWG / 35 mm <sup>2</sup>
Terminal torque ratings	65 Lbs-in
Mounting	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Degree of protection	IP20
Capacity	6 module(s), DIN 43880
Approvals	UL
Remote status contact	Floating (dry), Form C (SPDT)
Remote status NEC circuits	NEC Class 2 circuits only
Remote status wire sizes	AWG 14-22 / 2.5 mm <sup>2</sup> - 0.34mm <sup>2</sup>
Remote status terminal torque ratings	3 Lbs-in
Weight	882 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364228146
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.