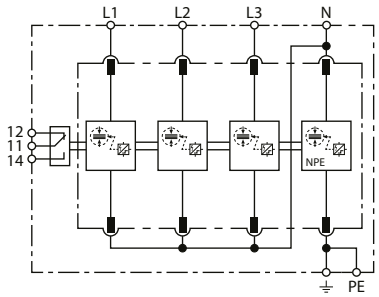
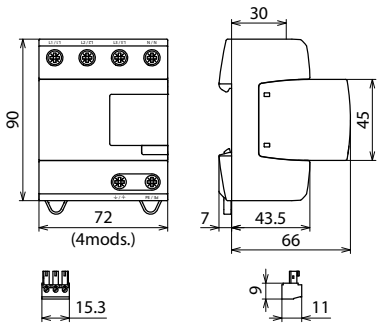
DVA M NG 3P 100 FM (900 352)

- Prewired, spark-gap-based type 1 + type 2 combined lightning current and surge arrester consisting of a base part and plug-in protection module
- Compact unit fulfils maximum safety requirements thanks to Rapid Arc Control (RAC)
- Capable of protecting terminal equipment





Basic circuit diagram



Dimension drawing

Modular combined arrester for TT and TN-S systems (3+1 circuit) for protecting 230/400 V power supply systems of cell sites.

NEW

Type	DVA M NG 3P 100 FM
Part No.	**900 352**
SPD according to EN 61643-11 / IEC 61643-11	type 1 + type 2 / class I + class II
Energy coordination with terminal equipment (≤ 10 m)	type 1 + type 2 + type 3
Nominal voltage (a.c.) (U_N)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N]/[N-PE] (U_C)	255 V (50 / 60 Hz)
Lightning impulse current (10/350 µs) [L1+L2+L3+N-PE] (I_{total})	100 kA
Lightning impulse current (10/350 µs) [L-N]/[N-PE] (I_{imp})	25 / 100 kA
Nominal discharge current (8/20 µs) [L-N]/[N-PE] (I_n)	25 / 100 kA
Specific energy [L1+L2+L3+N-PE] (W/R)	2.50 MJ/ohms
Specific energy [L-N]/[N-PE] (W/R)	156.25 kJ/ohms / 2.50 MJ/ohms
Voltage protection level [L-N]/[N-PE] (U_P)	≤ 1.5 / ≤ 1.5 kV
Follow current extinguishing capability [L-N]/[N-PE] (I_{fi})	25 kA_{rms} / 100 A_{rms}
Follow current limitation / Selectivity	No tripping of a 35 A gG fuse up to 25 kA_{rms} (prosp.)
Response time (t_A)	≤ 100 ns
Max. backup fuse (L) up to I_K = 25 kA_{rms}	250 A gG
Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic	440 V / 120 min. – withstand
Temporary overvoltage (TOV) [N-PE] (U_T) - Characteristic	1200 V / 200 ms – withstand
Additional abnormal voltage test: 485 V AC / 50 Hz for 24 h	withstand
Let-through energy in combination with an MOV S20K275 (Iimp = 2.5 ... 25 kA)	< 1 J
Operating temperature range [parallel]/[series] (T_U)	-40 °C ... +80 °C / -40 °C ... +60 °C
Cross-sectional area (L1, L2, L3, N, PE,) (min.)	10 mm² solid / flexible
Cross-sectional area (L1, L2, L3, N, PE,) (max.)	35 mm² stranded / 25 mm² flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	4 Standard DIN module, DIN 43880
Approvals	KEMA, UL
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm² solid / flexible
Extended technical data	
Voltage protection level [L-PE] (U_P)	1.8 kV

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: Tested • NEW: 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

Masterdata	
Net weight	537.93 g/pc(s)
GTIN	4013364455931
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363090

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.