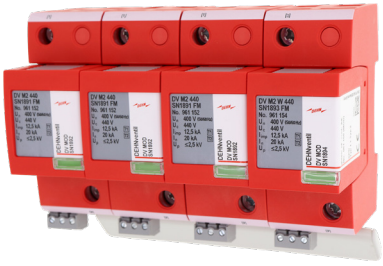
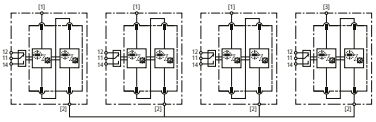
DEHNventil modular

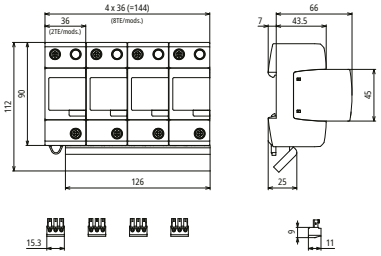
DV M2 880 FM (961151)

- Spark gap-based Type 1 and Type 2 arrester arrangement consisting of three DEHNventil DV M2 440 SN 1891 FM and one DEHNventil DV M2 W 440 SN 1893 FM
- Compact unit meeting the strictest safety requirements thanks to Rapid Arc Control (RAC)





Basic circuit diagram



Dimension drawing

Set consisting of plugable lightning- and surge arresters T1+2 including isolated modular wiring system applicable in Inverter-Systems with active Anti-PID with maximum DC Offset of 750 V DC. Interconnection of earthing systems according IEC 60364-4-44, Table 44.A1 - RE and Z and RE and RA interconnected.

NEW

Type	DV M2 880 FM
Part No.	**961151**
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)	800 V (50 / 60 Hz)
Max. continuous operating voltage (AC) (U_C)	880 V (50 / 60 Hz)
Lightning impulse current (10/350 µs) [1,2-3] (I_{imp})	12.5 kA
Specific energy [1,2-3] (W/R)	39.06 kJ/Ohm
Nominal discharge current (8/20 µs) [1,2-3] (I_n)	20 kA
Voltage protection level [1,2-3] (U_p)	≤ 4 kV
Follow current limitation / Selectivity	No tripping of a 35 A gG fuse up to 50 kA_{rms} (prosp.)
Short-circuit withstand capability [1,2-3] (I_{SCCR})	25 kA_{rms}
Response time (t_A)	≤ 100 ns
Max. backup fuse (L) up to I_K = 50 kArms	160 A gG
Operating temperature range (parallel connection) (T_{UP})	-40°C to +80°C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area [1,2,3] (min.)	6 mm^2 solid / fine-stranded
Cross-sectional area [1,2,3] (max.)	35 mm^2 stranded / 25 mm^2 fine-stranded
For mounting on	35 mm DIN rails acc. to EN 60715
Place of installation	Indoor
Degree of protection	IP 20
Capacity	8 Standard DIN module, DIN 43880
Type of remote signalling contact	yes / 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 mm^2 solid / fine-stranded
Supplementary data	
Anti-PID voltage (U_{1-3} + U_{PID})	508 V_{AC} + 750 V_{DC} – withstand
Max. prospective short-circuit current	50 kA_{rms}

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85363090
GTIN	4013364532557
PU	1 st

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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

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.