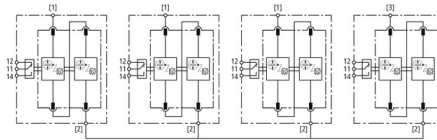


## DV M2 880 FM (961 151)

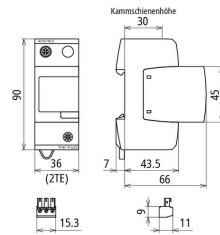
- Spark gap-based Type 1 and Type 2 arrester arrangement consisting of three DEHNventil DV M2 440 SN 1891 FM and one DEHNventil DV M2 W 440 SN 1893 FM
- Compact unit meeting the strictest safety requirements thanks to Rapid Arc Control (RAC)



Figure without obligation



Basic circuit diagram DV M2 880 FM



Dimension drawing DV M2 880 FM

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.

Type	DV M2 880 FM
Part No.	961 151 <small>NEW</small>
SPD according to EN 61643-11 / IEC 61643-11	type 1 + type 2 / class I + class II
Energy coordination with terminal equipment ( $\leq 10$ m)	Type 1 + type 2 + type 3
Nominal voltage (a.c.) ( $U_N$ )	800 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) ( $U_C$ )	880 V (50 / 60 Hz)
Lightning impulse current (10/350 $\mu$ s) [1,2-3] ( $I_{imp}$ )	12.5 kA
Specific energy [1,2-3] (W/R)	39.06 kJ/Ohm
Nominal discharge current (8/20 $\mu$ s) [1,2-3] ( $I_n$ )	20 kA
Voltage protection level [1,2-3] ( $U_p$ )	$\leq 4$ kV
Follow current extinguishing capability (a.c.) ( $I_n$ )	50 kA <sub>rms</sub>
Follow current limitation / Selectivity	No tripping of a 35 A gG fuse up to 50 kA <sub>rms</sub> (prosp.)
Short-circuit withstand capability [1,2-3] ( $I_{SCCR}$ )	50 kA <sub>rms</sub>
Response time ( $t_A$ )	$\leq 100$ ns
Max. backup fuse (L) up to $I_K = 50$ kA <sub>rms</sub>	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 <sup>2</sup> solid / fine-stranded
Cross-sectional area [1,2,3] (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> fine-stranded
For mounting on	35 mm DIN rails acc. to EN 60715
Place of installation	Indoor
Degree of protection	IP 20
Capacity	8 module(s), 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 <sup>2</sup> solid / fine-stranded
Supplementary data:	-----
- Anti-PID voltage ( $U_{1-3} + U_{PID}$ )	508 V <sub>AC</sub> + 750 V <sub>DC</sub> – withstand
Weight	1,07 kg
Customs tariff number (Comb. Nomenclature EU)	85363090
GTIN	4013364532557
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.