

# DM1

Power Line SPDs  
DIN RAIL - IEC TYPE 3



## General Data

No. Poles	2-Pole
No. DIN rail modules	3
IEC SPD Type	Class III
EN SPD Type	Type 3
Format	Monobloc
Protection Modes	L-N
Product standards	IEC 61643-11; EN 61643-11



## PART NUMBERS

DM1-230	77702800
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## SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - Uc (L-N) [V]	275
Nominal voltage AC 50-60 Hz - Un [V]	230/400
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20)- In [kA]	5
Nominal discharge current (8/20) - In (L-N) [kA]	5
Nominal discharge current (8/20) - In (L-PE) [kA]	5
Voltage protection level at In - Up (L-N) [kV]	≤1
Voltage protection level at In - Up (L-PE) [kV]	≤1,2
Voltage protection level at In - Up (N-PE) [kV]	≤1,2
Combined Discharge Voltage (1,2/50) (Uoc) [kV]	10
Response time - tA (L-N) [ns]	≤25
Response time - tA (L-PE) [ns]	≤100

## MECHANICAL AND ENVIRONMENTAL FEATURES

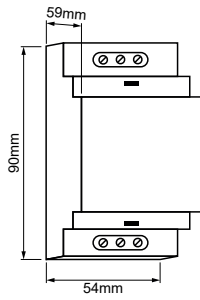
Temperature range [°C]	-20 ... 85
Humidity range [%]	5 ... 95
Housing color	Grey RAL 7035
Enclosure - IP	IP20
Stranded conductor cross section	1,5...2,5 mm <sup>2</sup>
Torque rating [N m]	0.4

## DATASHEET

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## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.165
Gross weight [kg]	0.201
Packaging dimensions (H x W x L) [mm]	117 × 63 × 90

## INTERNAL CONFIGURATION

