

DM2 1+1

Power Line SPDs
DIN RAIL - IEC TYPE 2+3



General Data

Internal configuration	1+1
No. Poles	2-Pole
No. DIN rail modules	4
Network configuration	TT, TNS
IEC SPD Type	Class II + III
EN SPD Type	Type 2+3
Format	Monobloc
Protection Modes	L-N / N-PE
Product standards	IEC 61643-11; EN 61643-11



PART NUMBERS

XXX	120	230
DM2-20A/XXX IR (with Remote Indication)	77702840	77702830

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

DM2-20A/XXX IR (with Remote Indication)	120	230
Maximum continuous operating voltage (AC) - Uc (L-N) [V]	150	275
Maximum continuous operating voltage (AC) - Uc (L-PE) [V]		320
Maximum continuous operating voltage (AC) - Uc (N-PE) [V]		320
Nominal voltage AC 50-60 Hz - Un [V]	120	230
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	120	230
Nominal discharge current (8/20) - In (L-PE) [kA]		10
Nominal discharge current (8/20) - In (N-PE) [kA]		10
Max Discharge Current (8/20) - Imax (N-PE) [kA]		20
Max Discharge Current (8/20) - Imax (L-PE) [kA]		20
Voltage protection level at In - Up (L-PE) [kV]	≤0,8	≤1,2
Combined Discharge Voltage (1,2/50) (Uoc) [kV]		6
Maximum back-up fuse [A [gG]]		20

TECHNICAL FEATURES

DM2-20A/XXX IR (with Remote Indication)	120	230
EMI Filter		Yes
EMI Filter Common Mode		82 dB
EMI Filter Differential Mode		74 dB

MECHANICAL AND ENVIRONMENTAL FEATURES

DM2-20A/XXX IR (with Remote Indication)	120	230
Temperature range [°C]		-40 ... 85
Humidity range [%]		5 ... 95
Indication System Type		Green (OK) / Not green (replace)
Insulating material		PC+GF

DATASHEET

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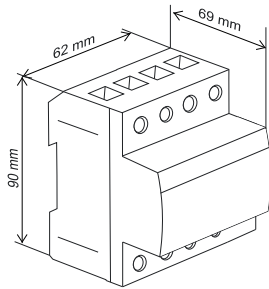
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Continue DM2-20A/XXX IR (with Remote Indication)

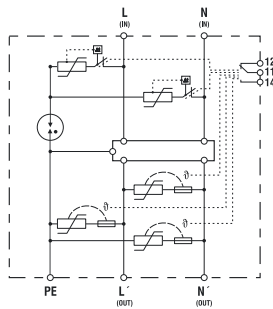
DM2-20A/XXX IR (with Remote Indication)	120	230
Housing color	Grey RAL 7035	
Enclosure - IP	IP20	
Flammability class	UL94 V-0	
Solid conductor cross section	6...35 mm ²	
Stranded conductor cross section	6...25 mm ²	
Torque rating [N m]	4	

DIMENSIONS AND WEIGHT



DM2-20A/XXX IR (with Remote Indication)	120	230
Net Weight [kg]	0.326	0.33
Gross weight [kg]	0.369	0.373
Packaging dimensions (H x W x L) [mm]	117 × 78 × 90	

INTERNAL CONFIGURATION



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