

# DM2-20A/120 IR

77702840



**Protector against transient overvoltages, class II+III, 20 kA and one-phase (two-pole).**

Scan this QR code and see the full range



[Link to the product page](#)

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77702840	
Part Number	DM2-20A/120 IR	
Status	Available	
EAN	8435297826088	
Tariff code (HS)	8536.30.90	
<b>Dimensions</b>		
Product height	90	[mm]
Product width	72	[mm]
Product length	69	[mm]
Product weight	337	[gr]
<b>General data</b>		
Internal configuration	1P+N	
No. poles	2	
No. DIN rail modules	4	
Installation	(L-N-PE); (L1-L2-PE)	
Format	Monobloc	
Network configuration	TT, TNS	
Certifications	CE	
Designation according to EN 61643-11	Type 2+3	
Designation according to IEC 61643-11	Class II+III	
Insulating material & flammability class	PC+GF; UL 94 V-0	
Enclosure	IP 20	
Temperature range	-40 °C ... +80 °C	
<b>Technical features</b>		

Supply voltage		<b>120 / 208 [V]</b>	
Nominal voltage AC 50-60 Hz (L-N)	Un (L-N)	<b>120</b>	[V]
Maximum continuous operating voltage (L-PE)	Uc (L-PE)	<b>150</b>	[V]
Maximum discharge current (8/20) (L-PE)	I <sub>max</sub> (L-PE)	<b>20</b>	[kA]
Maximum discharge current (8/20) (N-PE)	I <sub>max</sub> (N-PE)	<b>20</b>	[kA]
Nominal discharge current (8/20) (L-PE)	I <sub>n</sub> (L-PE)	<b>10</b>	[kA]
Nominal discharge current (8/20) (N-PE)	I <sub>n</sub> (N-PE)	<b>10</b>	[kA]
Nominal discharge current (8/20)	I <sub>n</sub>	<b>10</b>	[kA]
Voltage protection level (L-PE) at I <sub>n</sub>	U <sub>p</sub> (L-PE)	<b>0,8</b>	[kV]
Maximum back-up fuse		<b>20</b>	A [gG]
Combined discharge voltage (1,2/50)	U <sub>oc</sub>	<b>6</b>	[kV]
Nominal current AC 50-60 Hz	I <sub>N</sub>	<b>20</b>	[A]
EMI filter		<b>Yes</b>	
Filter attenuation · Differential mode (up to)		<b>74</b>	[dB]
Filter attenuation · Common mode (up to)		<b>82</b>	[dB]
Connection		<b>Series</b>	
Remote indication		<b>Yes</b>	
Visual end of life indication		<b>Yes</b>	

## Certifications

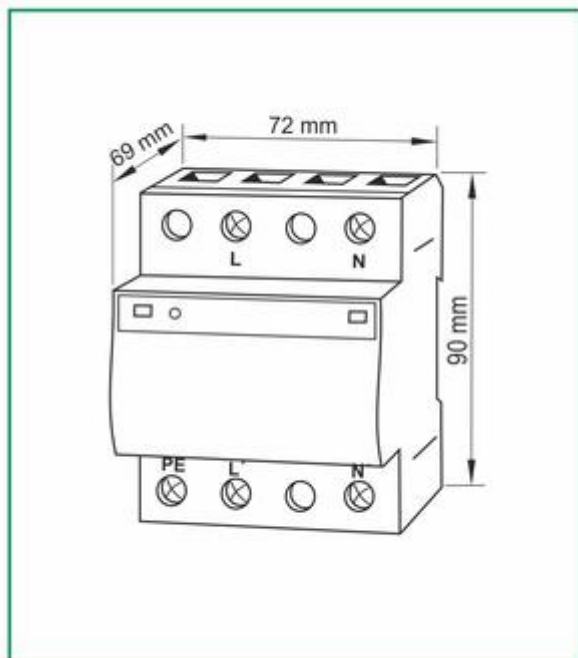
Value | Units

Certifications

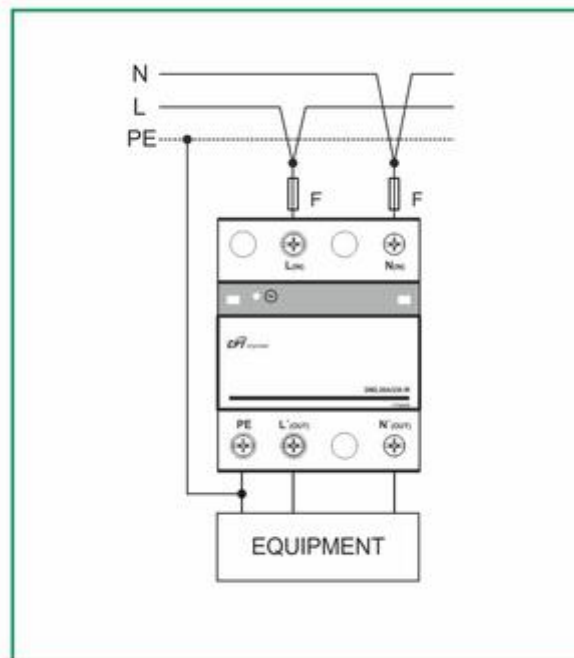
CE

## Wiring diagrams

Dimensions



Wiring diagram



## Downloads

Data sheet	<a href="#">CPT-FT-PROTECCION-CONTRA-SOBRETENSIONES-DM2-20A-120IR-77702840.pdf</a>
Install sheet	<a href="#">CPT-FAP-PROTECCION-CONTRA-SOBRETENSIONES-DM2-20A-120IR.pdf</a>
Wiring diagram (CAD)	<a href="#">CPT-CAD-PROTECCION-CONTRA-SOBRETENSIONES-DM2-20A-120-IR-77702840.dwg</a>
Wiring diagram (PDF)	<a href="#">CPT-CIP-PROTECCION-CONTRA-SOBRETENSIONES-DM2-20A-120-IR-77702840.pdf</a>

## Address



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