



PME

industrial modular fuse holders
for cylindrical fuse links

PME

10x38

**PROTECTING
THE WORLD**



RATED CURRENT 32A
RATED VOLTAGE 690V AC 750V DC
MAXIMUM POWER DISSIPATION 3W
PROTECTION INDEX IP20

STANDARDS
IEC/EN 60269-1
IEC/EN 60269-2
UL4248-1
UL486E



**PATENTED
DESIGN**

Industrial modular fuse holders for cylindrical fuse links

Fuse holder for cylindrical fuse link size 10x38 according IEC/EN 60269 standard.

Compact design, with reduced dimensions.

Ventilation zones optimized for a better heat dissipation.

Manufactured with a high quality materials

- Silver plated copper contacts.
- Plastic materials with high temperature resistance and self-extinguishable.
- All the materials are according to the European Directive RoHS (Restriction of the use of certain hazardous substances in electrical material) and also halogen free.



Extended range of accessories is available.

Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
480005	PINS FOR MULTIPOLE ASSEMBLY	12/300
485050	HANDLE TIES FOR MULTIPOLE ASSEMBLY	12/300
485052	SPECIAL IP20 PROTECTION ACCESSORY	24
485656	SCREWS PROTECTION ACCESSORY	20

Range

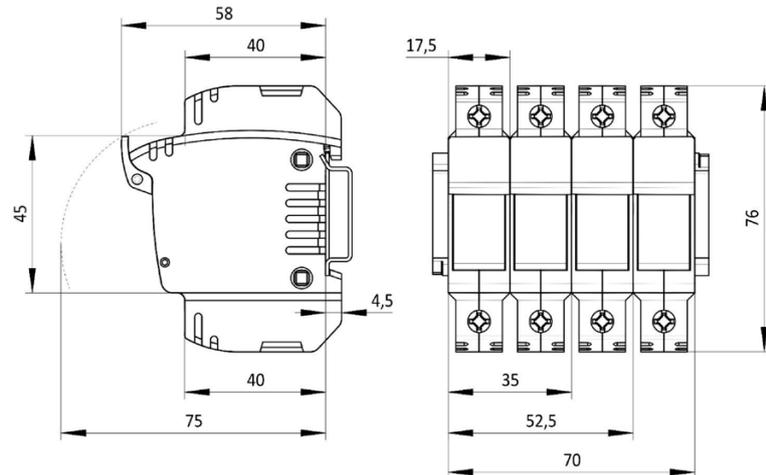
REFERENCE	POLES	MODULES	DESCRIPTION	PACKING Uni /BOX
485501	1P	1	PME-10 FUSE HOLDER 1 POLE	12/192
485502	N	1	PME-10 NEUTRAL FUSEHOLDER	12/192
485503	1P + N	2	PME-10 FUSE HOLDER 1 POLE + NEUTRAL	6/96
485504	2P	2	PME-10 FUSE HOLDER 2 POLES	6/96
485505	3P	3	PME-10 FUSE HOLDER 3 POLES	4/64
485506	3P + N	4	PME-10 FUSE HOLDER 1 POLE + NEUTRAL	3/48
485507	4P	4	PME-10 FUSE HOLDER 4 POLES	3/48



Technical data

Rated current	32A	
Rated voltage	690V AC 750V DC	
Rated power dissipation	3W	
Power dissipation per pole (with neutral link)	80% $I_n > 0,27W$ 100% $I_n > 0,43W$	
Pollution degree	3	
Protection index ▶ FIG. 4	IP20	
Rated impulse withstand voltage	6kV U imp	
Ambient temperature of service	-40°C ... 70°C (with carrier operation) -50°C ... 80°C (without carrier operation)	
Storage temperature	-50°C ... 80°C	
Derating by number of poles	POLES	Derating factor of current
	1 ... 4	1
	5 ... 7	0,95
	≥ 8	0,9
Correction of the admissible current in function of the temperature	20° C	1
	30° C	0,95
	40° C	0,90
	50° C	0,80
	60° C	0,70
	70° C	0,60

Dimensions



Weight

1P	43,8gr
N	49,2gr
1P + N (2 modules)	93,4gr
2P	88gr
3P	132gr
3P + N (4 modules)	181,4gr
4P	176gr

Weight without packing

Standards

IEC/EN 60269-1
IEC/EN 60269-2
UL4248-1 Fuse holders
UL486E Wiring terminals



Application characteristics

For mounting on DIN/EN standard rail DIN 46277/1-3 (EN50022)

Connecting wire
Copper wires only

WIRES	METRIC	AWG	WIRING
1	0,75...16mm ² Solid / Stranded	8...18 AWG Solid / Stranded	
2 Same cross section and type	0,75...10mm ² Solid	8...18 AWG Solid	
	0,75...6mm ² Stranded	10...18 AWG Stranded	

Wire-end terminals

The use of wire-end terminals may allow to increase the connecting wire section.

Wire-end terminals recommended mounting:



The use of wire-end terminals could not guarantee the IP20 protection degree.

Ferrules

It's recommended use of ferrules in wires with section $\leq 2,5\text{mm}^2$



The product is delivered with the terminals opened and ready to connect

Tightening torque on terminals	1,75...2 Nm 15...18 lb.in
Screws with a combined head	SLOT + PZ2
Easy multipolar assembly for end users by the use of accessories	► FIG. 1
Special zone for sealing	Ø1,5 mm wire

Accessories

FIG. 1 | Multipolar assembly

Standard system by DF, 2 clips and 1 pin for each union between poles

- 480005** PINS FOR MULTIPOLE ASSE
- 485050** HANDLE TIES FOR MULTIPOLE ASSEMBLY

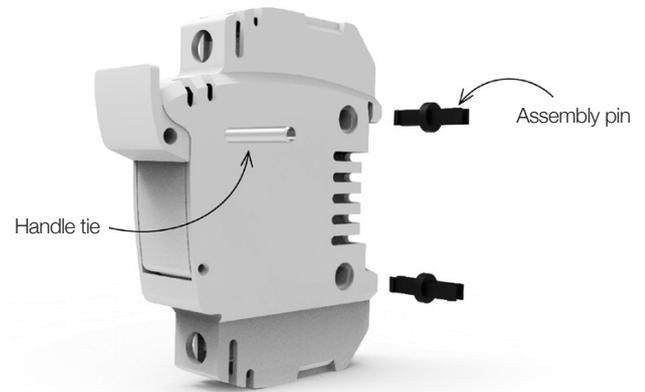
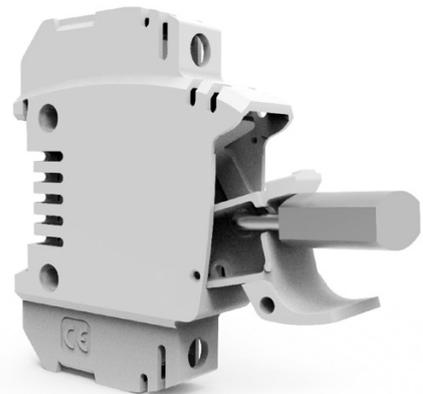


FIG. 2 | Padlock

Systems to avoid the operation and connection of the fuse holder





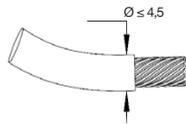
Accessories

FIG. 3 | Special IP20 protection

The accessory must be positioned in the wire entries, if it's necessary to achieve the IP20 degree of protection with thin wires

485052 SPECIAL IP20 PROTECTION ACCESSORY

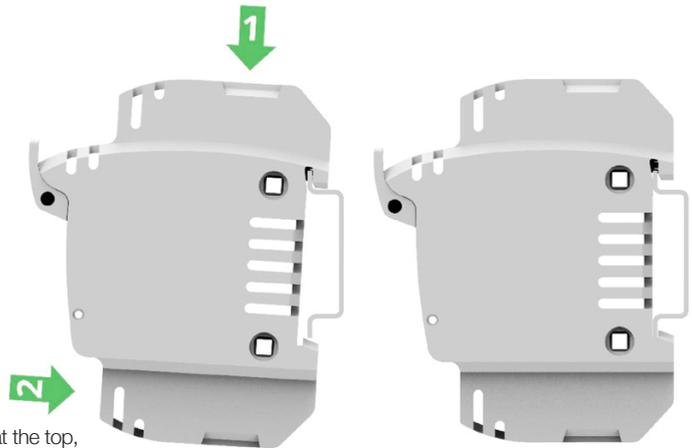
Manual assembly



To obtain an IP20 rating with cable protection of $\varnothing \leq 4.5$ mm, use the special protection accessory

FIG. 5 | Rail DIN mounting

Insert the fuse holder on the DIN rail with a slight angle



Fixed at the top, press down slightly to fix the bottom

To disassemble, perform the same operations in reverse

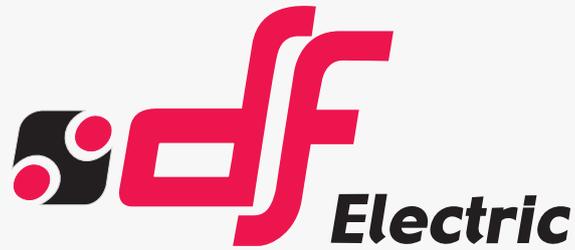
FIG. 4 | Screws protection accessory

Protection accessory to avoid the screws manipulation and improve the protection degree

485656 SCREWS PROTECTION ACCESSORY



Manual assembly



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To prevent electrical hazards, carry out the installation without voltage.



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