df Electric

CYLINDRICAL

FUSE LINKS & FUSE HOLDERS/BASES



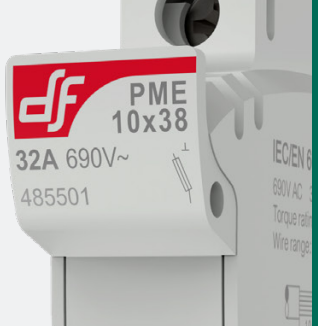
PME

industrial modular fuse holders
for cylindrical fuse links

PME 10x38

PROTECTING
THE WORLD

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PME

industrial modular fuse holders
for cylindrical fuse links

CYLINDRICAL

10x38

10x38

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.

RoHS COMPLIANT

halogen free

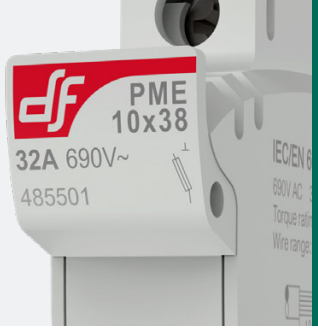
Extended range of accessories is available.

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



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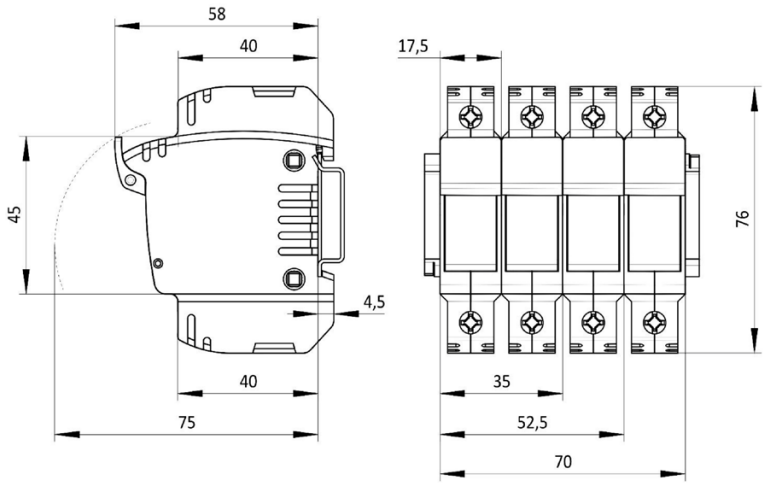
Technical data

Rated current	32A	
Rated voltage	690V AC 750V DC	
Rated power dissipation	3W	
Power dissipation per pole (with neutral link)	80% In > 0,27W 100% In > 0,43W	
Pollution degree	3	
Protection index ▸FIG. 4	IP20	
Rated impulse withstand voltage	6kV U imp	
Withstand rating (SCCR)	120kA	
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

Standards

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

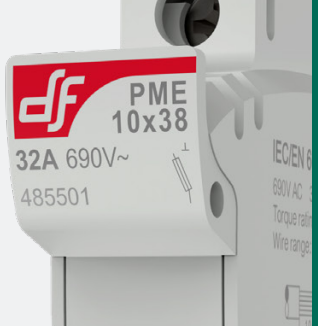
Dimensions



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



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Application characteristics

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

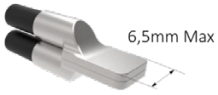
Connecting wire
Copper wires only

WIRES	METRIC	AWG	WIRING
1	0,75…16mm² Solid / Stranded	8…..18 AWG Solid / Stranded	
2 Same cross section and type	0,75…10mm² Solid 0,75…6mm² Stranded	8…..18 AWG Solid 10…..18 AWG Stranded	

Wire-end terminals

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

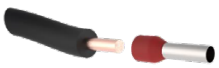
Wire-end terminals recommended mounting:



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

Ferrules

It's recommended use of ferrules in wires with section ≤ 2,5mm²



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

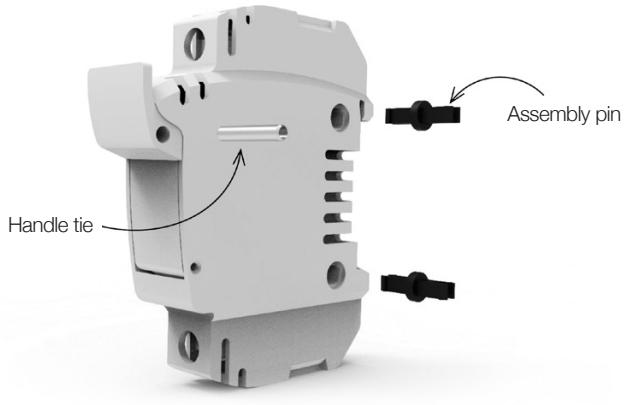
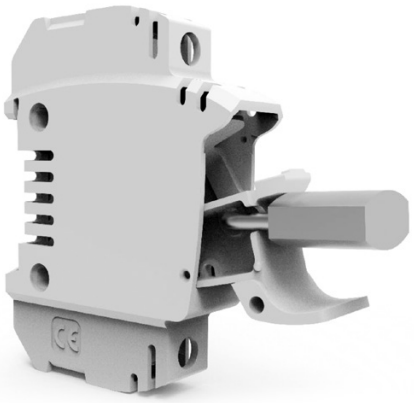
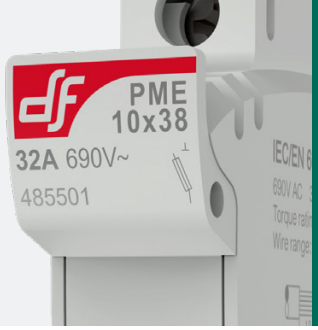


FIG. 2 | Padlock

Systems to avoid the operation and connection of the fuse holder





Accessories

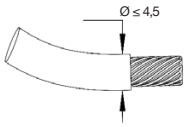
FIG. 3 | Special IP20 protection

The accessory mut be positioned in the wire entries, if it's neccesary 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 Ø ≤4.5mm, use the **special protection accessory**

FIG. 4 | Screws protection accessory

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

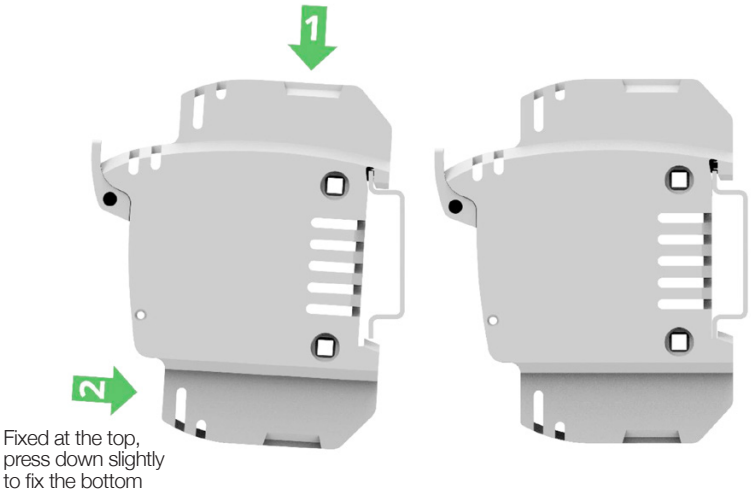
485656	SCREWS PROTECTION ACCESSORY



Manual assembly

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

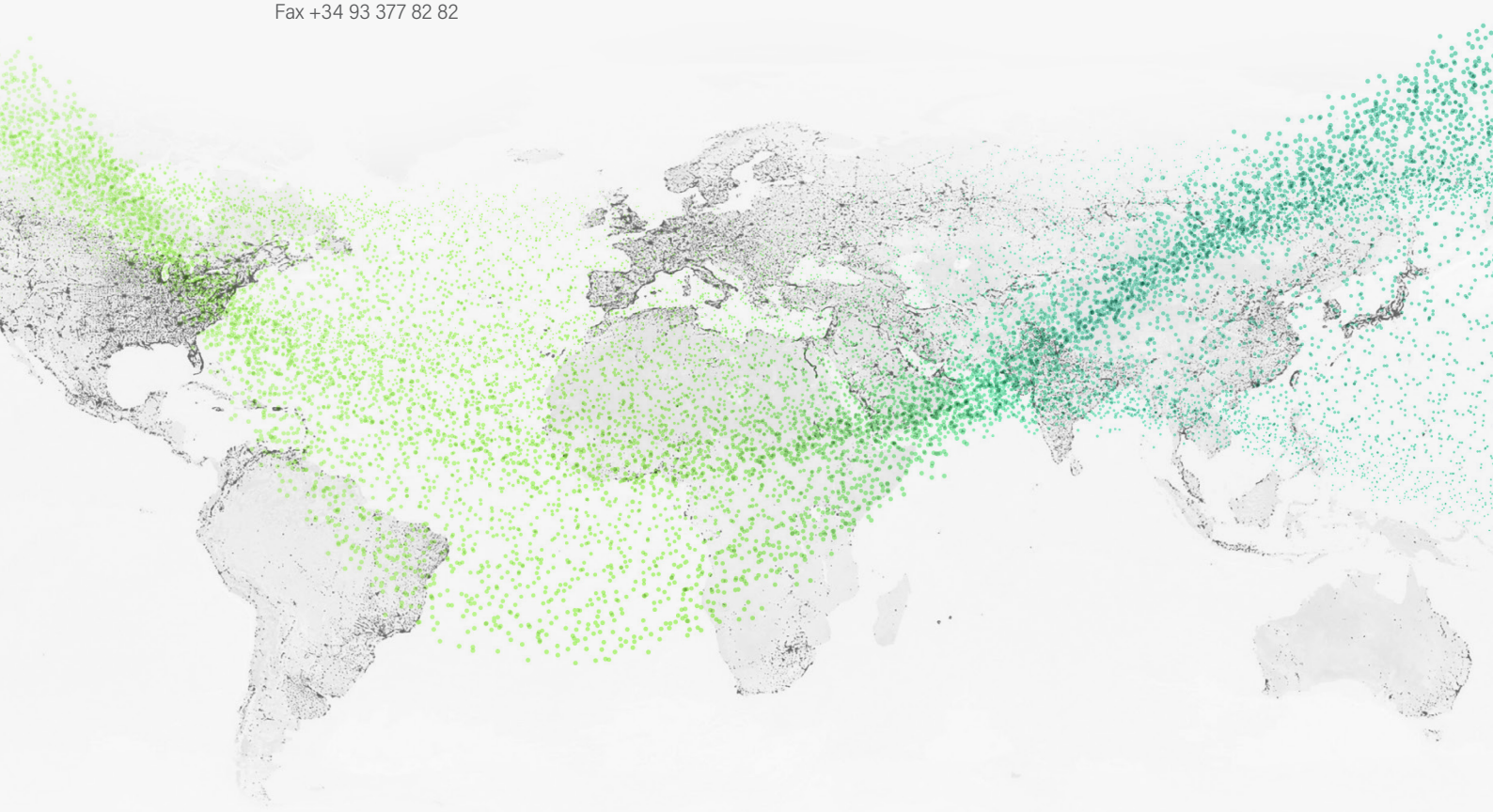
To disassemble, perform the same operations in reverse

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