

CYLINDRICAL

FUSE LINKS & FUSE HOLDERS/BASES



PMF

industrial modular fuse holders
for cylindrical fuse links



**PROTECTING
THE WORLD**





RATED CURRENT

32A

RATED VOLTAGE

690V AC
400V AC/DC
750V DC

MAXIMUM POWER DISSIPATION

3W

PROTECTION INDEX

IP20

STANDARDS

IEC/EN 60269-1
IEC/EN 60269-2



Industrial modular fuse holders for cylindrical fuse links

Modular 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

- Plastic materials with high temperature resistance and self-extinguishable.
- All the materials are according to the European Directive RoHS.



Extended range of different versions.

Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
480005	PINS FOR MULTIPOLE ASSEMBLY	12/300
480006	PMC HANDLE TIES FOR MULTIPOLE ASSEMBLY	12/300
480010	MULTIPOLE ASSEMBLY KIT	10/500
485656	SCREWS PROTECTION ACCESSORY	20

Range

U _n	REFERENCE	POLES	MODULES	PACKING Uni /BOX
690V	480032	1P	1	12/192
	480032 N	N	1	12/192
	480132	1P + N	2	6/96
	480232	2P	2	6/96
	480332	3P	3	4/64
	480332	3P + N	4	3/48
400V	480532	4P	4	3/48
	480135	1P + N	1	12/192
	480335	3P + N	3	4/64

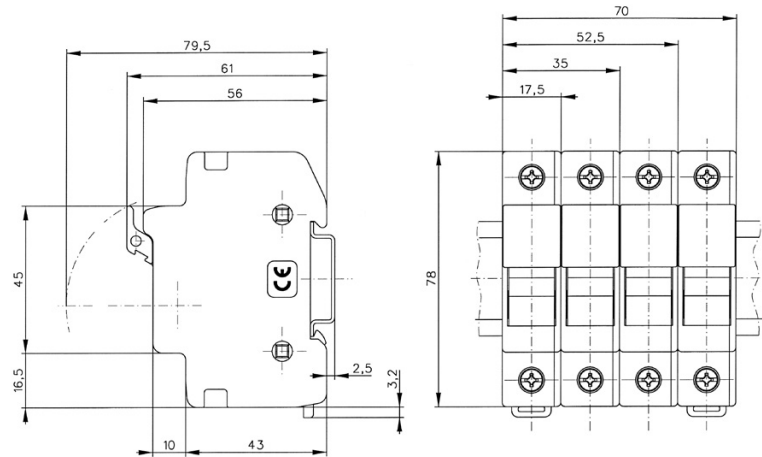


Technical data

Rated current	32A	
Rated voltage	690V AC 400V AC 750V DC	
Maximum power dissipation	3W	
Utilization category	AC-21B	
Protection index *	IP20	
Rated impulse withstand voltage	6kV U imp	
Ambient temperature of service	-20°C ... 70°C	
Storage temperature	-40°C ... 80°C	
Derating by number of poles	POLES	I_{MAX}
	1 ... 4	I _n
	5 ... 6	0,8 x I _n
	7 ... 9	0,7 x I _n
	≥ 10	0,6 x I _n
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

* Index protection for closed fuse holder

Dimensions



Weight

1P	53gr
N	60gr
1P + N (1 module)	60gr
1P + N (2 modules)	113gr
2P	106gr
3P	159gr
3P + N (3 modules)	166gr
3P + N (4 modules)	219gr
4P	212gr

Weight without packing

Standards

IEC/EN 60269-1
IEC/EN 60269-2



Application characteristics

For mounting on DIN/EN standard rail

DIN 46277/1-3 (EN50022)
Clip fixation with 2 positions

Connecting wire
Copper wires only

WIRES	1P 1 MODULE	1P+N 1 MODULE	WIRING
1	0,75...25mm ² Solid	0,75...10mm ² Solid	
	0,75...16mm ² Stranded	0,75...6mm ² Stranded	
2 Same cross section and type	0,75...6mm ² Solid	0,75...4mm ² Solid	
	0,75...4mm ² Stranded	0,75...2,5mm ² Stranded	

Wire-end terminals

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

Wire-end terminals recommended mounting:



Lmax 6,5mm
Lmax 4,5mm (1P+N 1 module)

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	2,5 Nm 2 Nm (1P+N 1 module)
Screws with a combined head	SLOT + DIN 7962(H) Size 2
Multipolar assembly	► FIG. 1
Special zone for sealing	1,5 mm ² wire

Accessories

FIG. 1 | Multipolar assembly

Standard system by DF, 3 clips and 1 pin for each union between poles

480005	PINS FOR MULTIPOLE ASSEMBLY
480006	HANDLE TIES FOR MULTIPOLE ASSEMBLY
480010	MULTIPOLE ASSEMBLY KIT

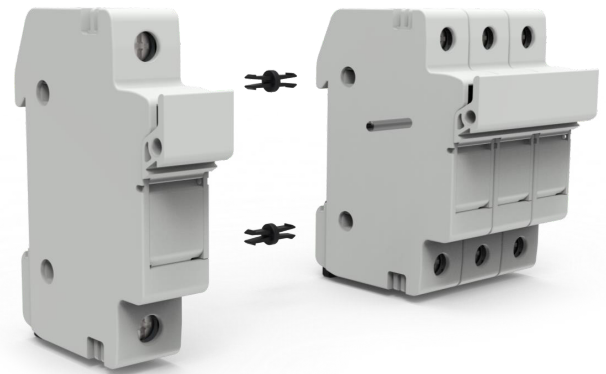


FIG. 2 | Screws protection accessory

First mount the accessory with screws, then mount the fuse holder (there are available different accessories depending the number of the fuse holder)





HEAD OFFICE AND FACTORY

SILICI, 67-69
08940 CORNELLA DE LLOBREGAT
BARCELONA
SPAIN
Tel. +34 93 377 85 85
Fax +34 93 377 82 82

INTERNATIONAL SALES

Tel. +34 93 475 08 64
Fax +34 93 480 07 75
export@dfelectric.es

NATIONAL SALES

Tel. 93 475 08 64
Fax 93 480 07 76
comercial@dfelectric.es

dfelectric.es



The data reflected in this technical record are subject to the correct installation of the product in accordance with manufacturer's instructions, relevant installation standards and professional practices, maintained and used in applications for which they were made.

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