







PNAX 1000V DC PV fuse holder for cylindrical fuse links









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rated current 32A

rated voltage 690V AC 1000V DC

maximum power dissipation 4W

protection index IP20

STANDARDS IEC/EN 60269-1 IEC/EN 60269-2 UL4248-1 UL4248-19 UL426E CSA C22.2 № 4248-1 CSA 22.2 № 65







Modular fuse holders that offer 1000V DC rated voltages

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

- · Silver plated copper contacts.
- Plastic materials with high temperature resistance and self-extinguishable.
- \cdot All the materials are according to the European Directive RoHS.



Extended range of accessories is available.

UL certification (File E359201). CSA certification (File 221680).



Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
480005	PINS FOR MULTIPOLE ASSEMBLY	12
485050	HANDLE TIES FOR MULTIPOLE ASSEMBLY	12
485051	LOCK ACCESORY	5
485052	SPECIAL IP20 PROTECTION ACCESSORY	24
485053	PHASE SEPARATOR ACCESORY	12
485056	REPLACEMENT FUSING INDICATOR 1000V DC	12
485656	SCREWS PROTECTION ACCESSORY	20

Range

REFERENCE	INDICATOR	POLES	MODULES	PACKING
				Uni /BOX
485150 🕕 🤅	Ð. –	1P	1	12/192
485151 🔍	B . –	2P	2	6/96
485152 🔍	Ð. •	1P	1	12/192
485153 🔍	₽, •	2P	2	6/96







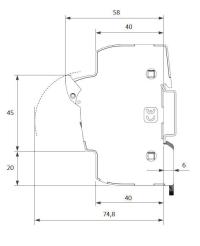
PHOTOVOLTAIC

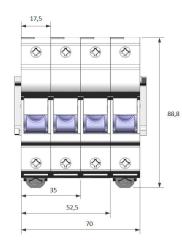


Technical data

Rated current	3	2A
Rated voltage	690V AC 1000V DC	
Maximum power dissipation	4W	
Power dissipation per pole	80% ln > 0,27W 100% ln > 0,43W	
Utilization category as per EN 60947-3	690V > AC-21B 1000V DC > DC-20B	
Pollution degree	3	
Protection index *	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	I _{MAX}
	1 4	In
	5 6	0,8 x I _n
	7 9	0,7 x ln
	≥ 10	0,6 x I _N
Correction of the admissible current	20° C	1
in function of the temperature	30° C	0,95
	40° C	0,90
	50° C	0,80
	60° C	0,70
	70° C	0,60

Dimensions





Weight

1P	57gr
2P	114gr

Weight without packing

* For wires of section ≤ 6mm² is necessary the use of the accessory to guarantee IP20 in clamps zone. ► FIG. 4



IEC/EN 60269-1 IEC/EN 60269-2 UL4248-1 Fuse holders UL4248-19 Photovoltaic fuse holders UL486E Wiring terminals CSA C22.2 N° 4248-1 Fuse holder assemblies CSA 22.2 N° 65 Wire connectors

Certifications





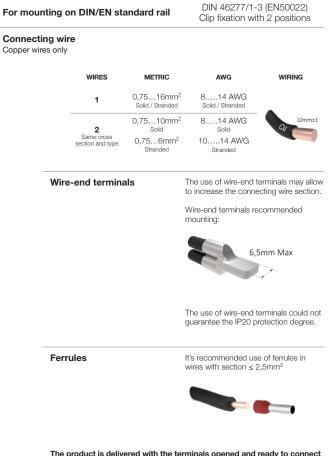




PHOTOVOLTAIC



Application characteristics



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

22,5 Nm 1822 lb.in	
SLOT + PZ2	
► FIG. 1	
NEON VERSION 3501000V DC	
Ø1,5 mm wire	
FIG. 2 Suitable size for label:11x9 mm	
► FIG. 3 (máx. 3 padlocks of Ø 3mm)	

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 | Identification by label

Open the label holder part with the fuse holder closed, put on the label and close it



Label measures 11x9mm





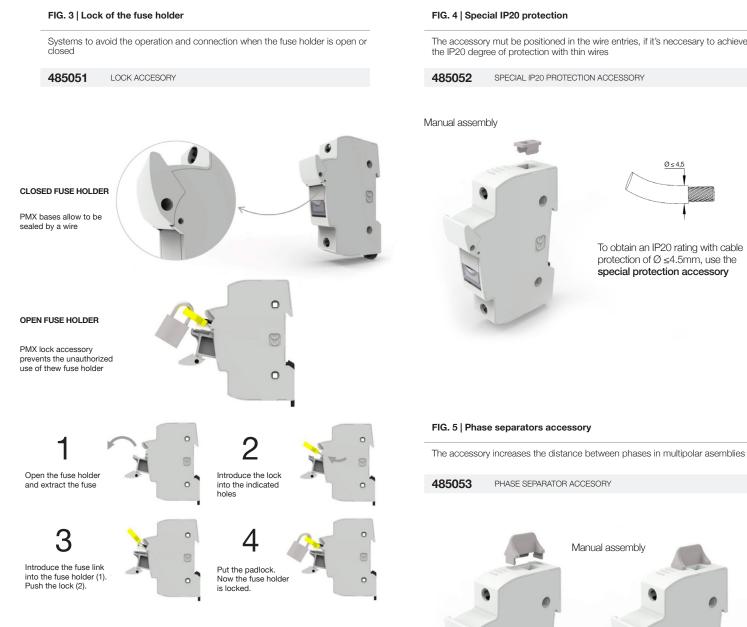






Ø≤4,5

Accessories



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











Accessories

FIG. 6 | Screw's protection accessory

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

485656 SCREW'S PROTECTION ACCESSORY

Manual assembly

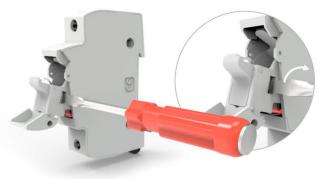


FIG. 7 | Fusing indicator replacement instructions



2

Using a flat screwdriver, remove the cover with a slight rotation of the tool



3

Replace the fusing indicator. Enter the cover on the handle with a slight angle





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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



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