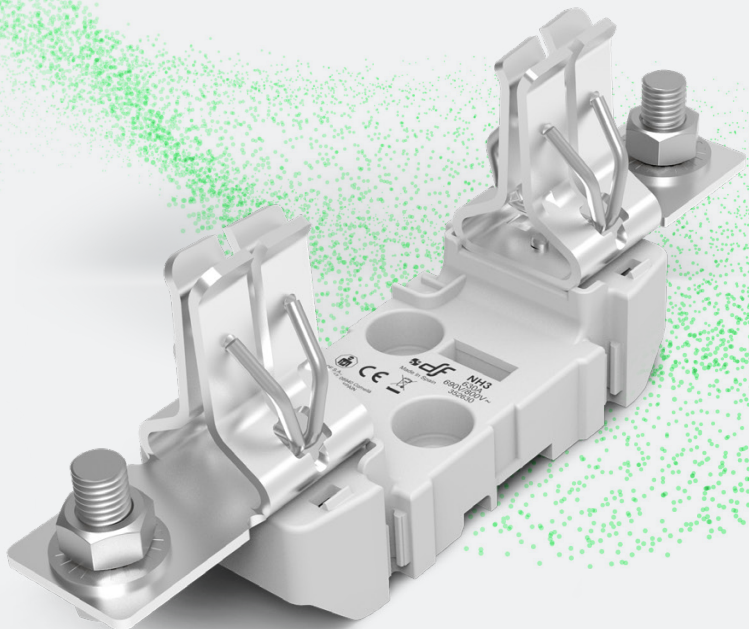


HORUS
PHOTOVOLTAIC
PROTECTION



**PROTECTING
THE WORLD**

PHOTOVOLTAIC

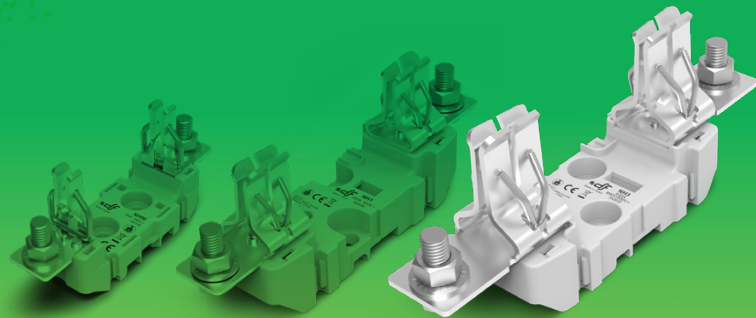
FUSE LINKS & FUSE HOLDERS FOR PHOTOVOLTAIC APPLICATIONS

NH ST 800V AC

bases for NH fuse links
INVERTER PROTECTION

ST

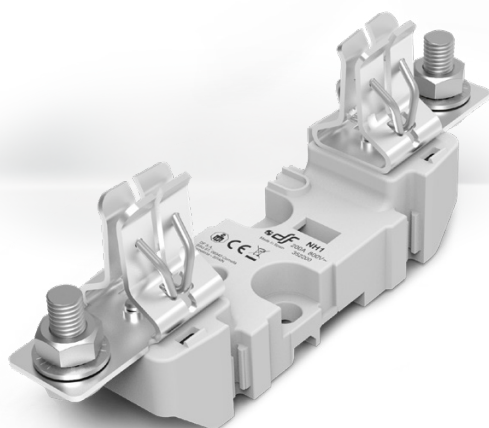
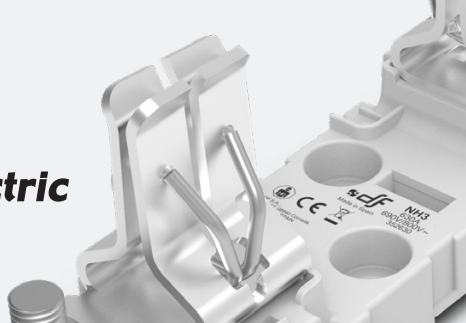
NH3



NH00

NH1

NH3



Bases for NH fuse links Photovoltaic applications 800V AC Inverter protection

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).



For DIN rail mounting or with screw fixing.

Single-phase or three-pole type.

Connection by screws.

Contacts with spring in order to obtain an optimum operation.

Wide range of accessories that enables IP20 protection index: contact covers, fuse link covers, partition walls.

Multi-pole units can be made with connection accessories.

Manufactured according IEC, EN, VDE and DIN standards.

Accessories

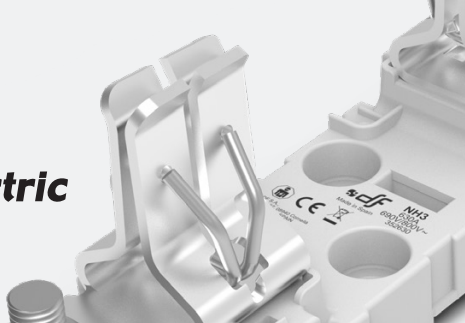
REFERENCE	DESCRIPTION	PACKING Uni /BOX
326630	PARTITION WALL FIXED TO SEPARATORS	2
325630	SEPARATOR MULTIPOLE UNITS SEPARATOR	2
325007	TERMINAL COVER	6
325025	FUSE LINKS COVER	3
357010	MICROSWITCH	1/12
340001	FUSE PULLER	1

TERMINALS

	CROSS SECTION (mm ²)	CABLE	
343630	240/50	1	3
344630	240/95-50	2	3

Range

REFERENCE	POLES	FIXING	CONNECTION	PACKING Uni /BOX
352630	1P	DIN RAIL/SCREW	SCREW	3
353630	3P	DIN RAIL/SCREW	SCREW	1



Technical data

Rated current	630A	
Rated voltage	800V AC	
Rated power dissipation	60W	
Protection index	IP00 / IP20	
Ambient temperature of service	-20°C ... 70°C	
Storage temperature	-40°C ... 80°C	
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



DO NOT OPERATE UNDER LOAD

Standards

IEC/EN 60269-1
IEC/EN 60269-2
DIN 43620

Application characteristics

Mounting

DIN/EN Standard
Rail DIN 46277/1-3 (EN50022)
Screws

Connecting wire

M12

Maximum tightening torque on terminals

32 Nm

Maximum tightening torque fuse holder fixation with screws

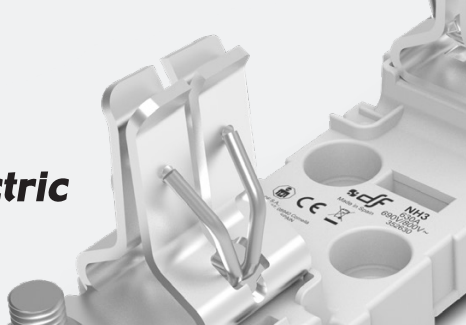
12 Nm

Multipolar assembly

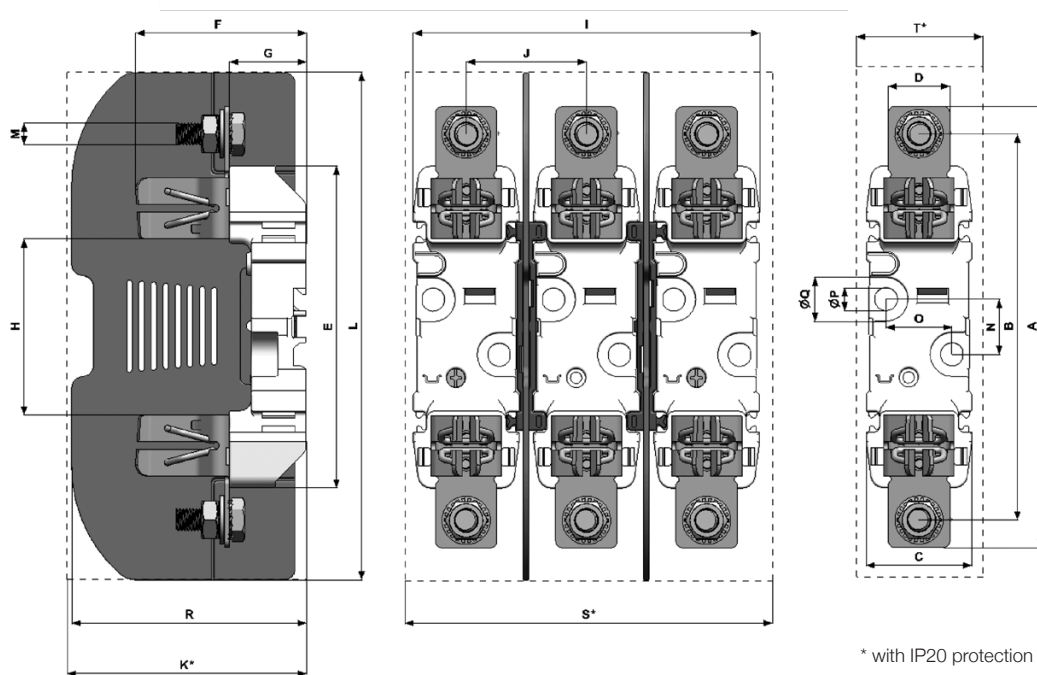
► [FIG. 1](#)

Materials

Contacts	Silver plated copper
Body	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 Glow wire test: (IEC-60695) 960°C
Partition walls	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 – 1,6mm Glow wire test: (IEC-60695) 960°C – 1,6mm
Separators	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 – 1,6mm Glow wire test: (IEC-60695) 960°C – 1,6mm
Terminal covers	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 – 1,6mm Glow wire test: (IEC-60695) 960°C – 1,6mm
Fuse links covers	Thermoplastic, high resistance to temperature Flammability: (UL94) V2 Glow wire test: (IEC-60695) 850°C
Accessory terminals	Tin plated brass Zinc plated steel screws



Dimensions



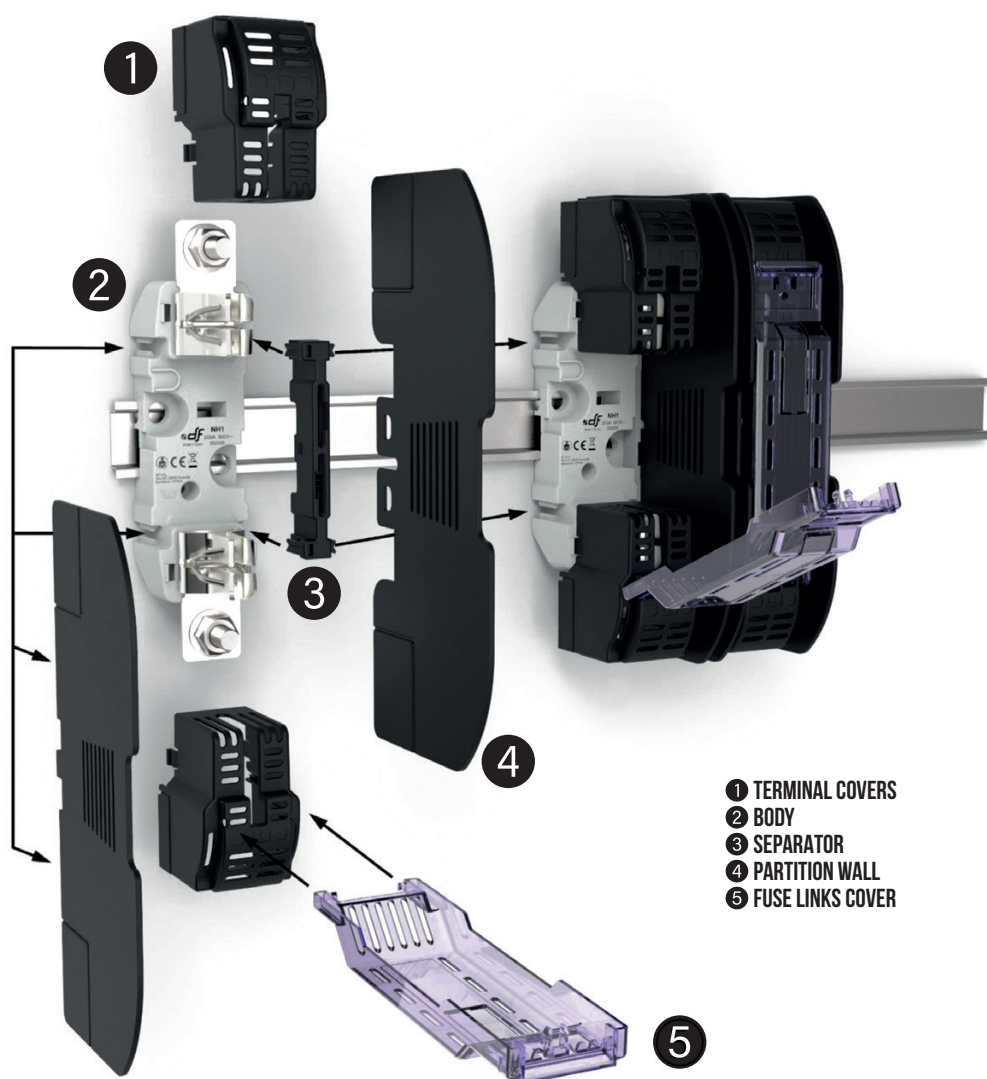
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
240	210	60	38	146	97	35	80	224	82	143	270	M12	25	30	10,5	20	143	281	116

Weight

1P	630gr
3P	2,04kg

Weight without packing

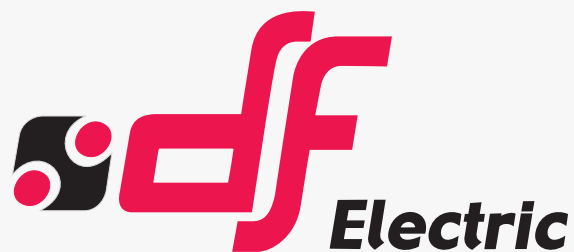
Accessories assembly



- 1 TERMINAL COVERS
- 2 BODY
- 3 SEPARATOR
- 4 PARTITION WALL
- 5 FUSE LINKS COVER

The fuse holder allows using simultaneously a microswitch for NH fuse links and IP20 protection accessories





PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

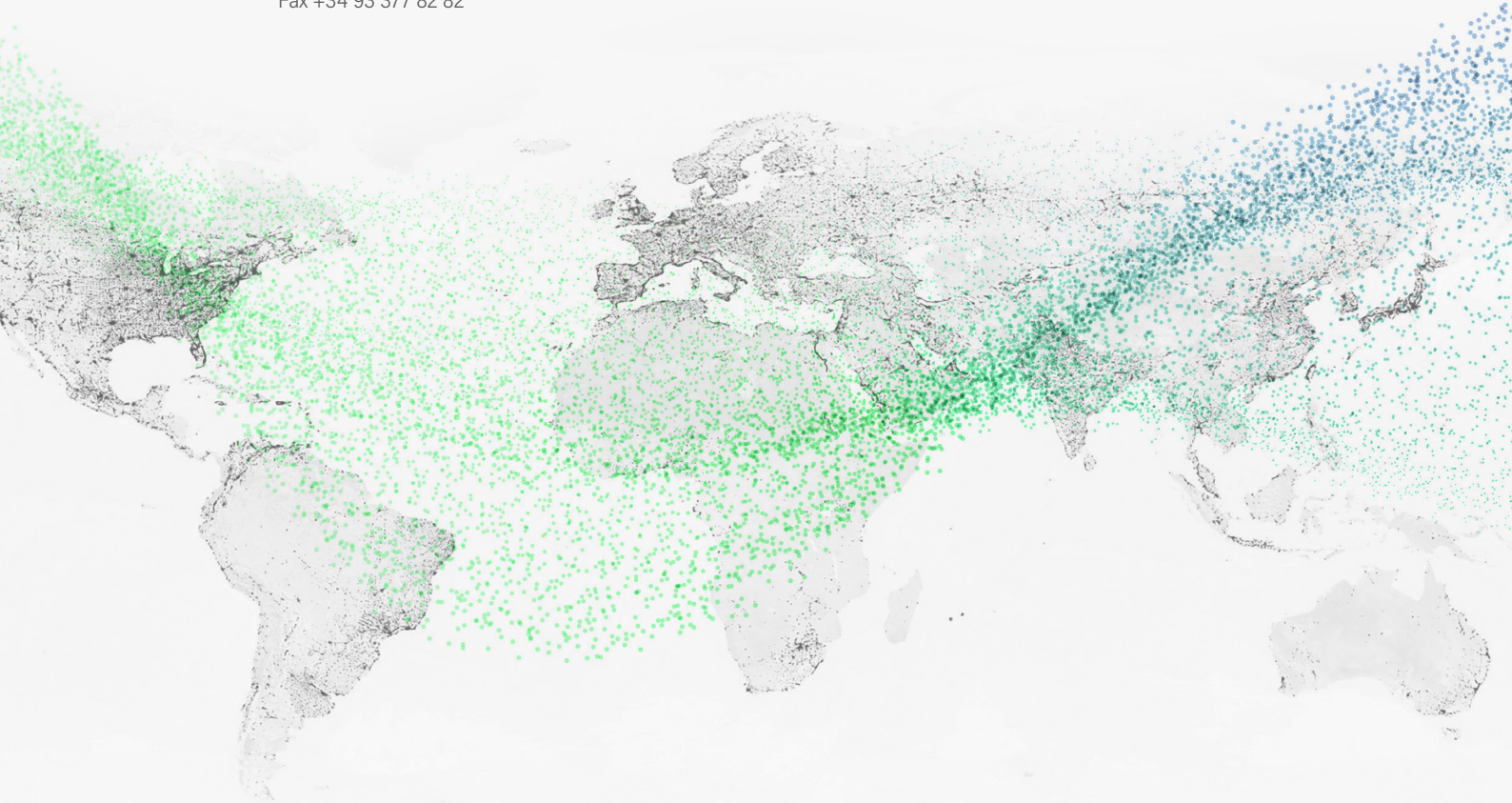
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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



Safety notice
Please capture the following QR code and read our safety notice carefully before installing our products.



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.

The products described in this document have been designed, developed and tested in accordance with specific standard. They are considered components that are integrated as part of installation, machine or equipment. The correct general operation of the referred product is responsibility of the manufacturer of the installation, machine or equipment.

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