

HORUS[®]
PHOTOVOLTAIC
PROTECTION

PHOTOVOLTAIC

FUSE LINKS & FUSE HOLDERS FOR PHOTOVOLTAIC APPLICATIONS

NH ST 800V AC

bases for NH fuse links
INVERTER PROTECTION



**PROTECTING
THE WORLD**



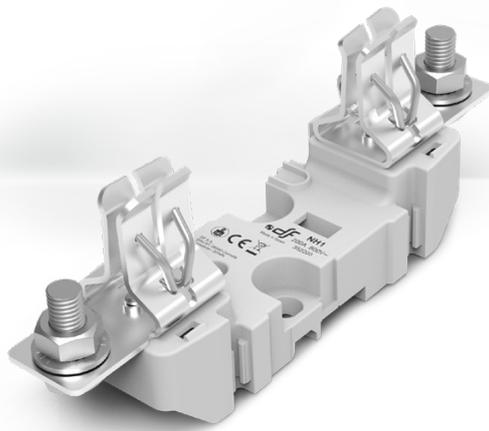
RATED CURRENT
250A

RATED VOLTAGE
800V AC

MAXIMUM POWER DISSIPATION
25W

PROTECTION INDEX
IP00
IP20

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



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 and EN standards.

Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
326200	PARTITION WALL FIXED TO SEPARATORS	2
326201	PARTITION WALL DIRECTLY FIXED TO THE BODY	2
325250	SEPARATOR MULTIPOLE UNITS SEPARATOR	2
325005	TERMINAL COVER	6
325018	FUSE LINKS COVER	3
357010	MICROSWITCH	1/12
340001	FUSE PULLER	1

TERMINALS

	CROSS SECTION (mm ²)	CABLE	
343400	150/16	1	3
344400	150/25-16	2	3

Range

REFERENCE	POLES	FIXING	CONNECTION	PACKING Uni /BOX
352200	1P	DIN RAIL/SCREW	SCREW	3
353200	3P	DIN RAIL/SCREW	SCREW	1



Technical data

Rated current	250A	
Rated voltage	800V AC	
Rated power dissipation	25W	
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

Application characteristics

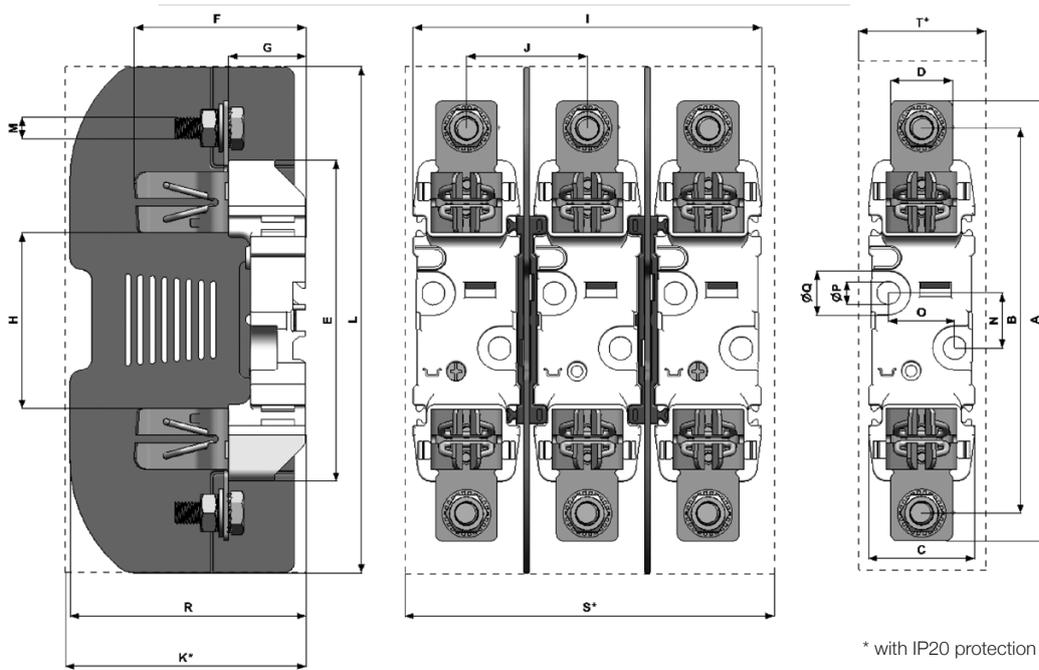
Mounting	Rail DIN 46277/1-3 (EN50022) Screws
Connecting wire	M10
Maximum tightening torque on terminals	32 Nm
Maximum tightening torque fuse holder fixation with screws	12 Nm
Multipolar assembly	► FIG. 1

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

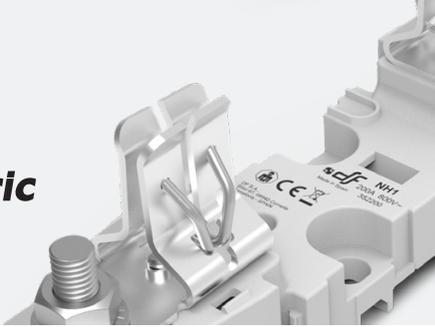


A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
200	175	48	28	146	77,5	35	80	169,5	60,8	107	230	M10	25	30	10,5	20	107	175	54

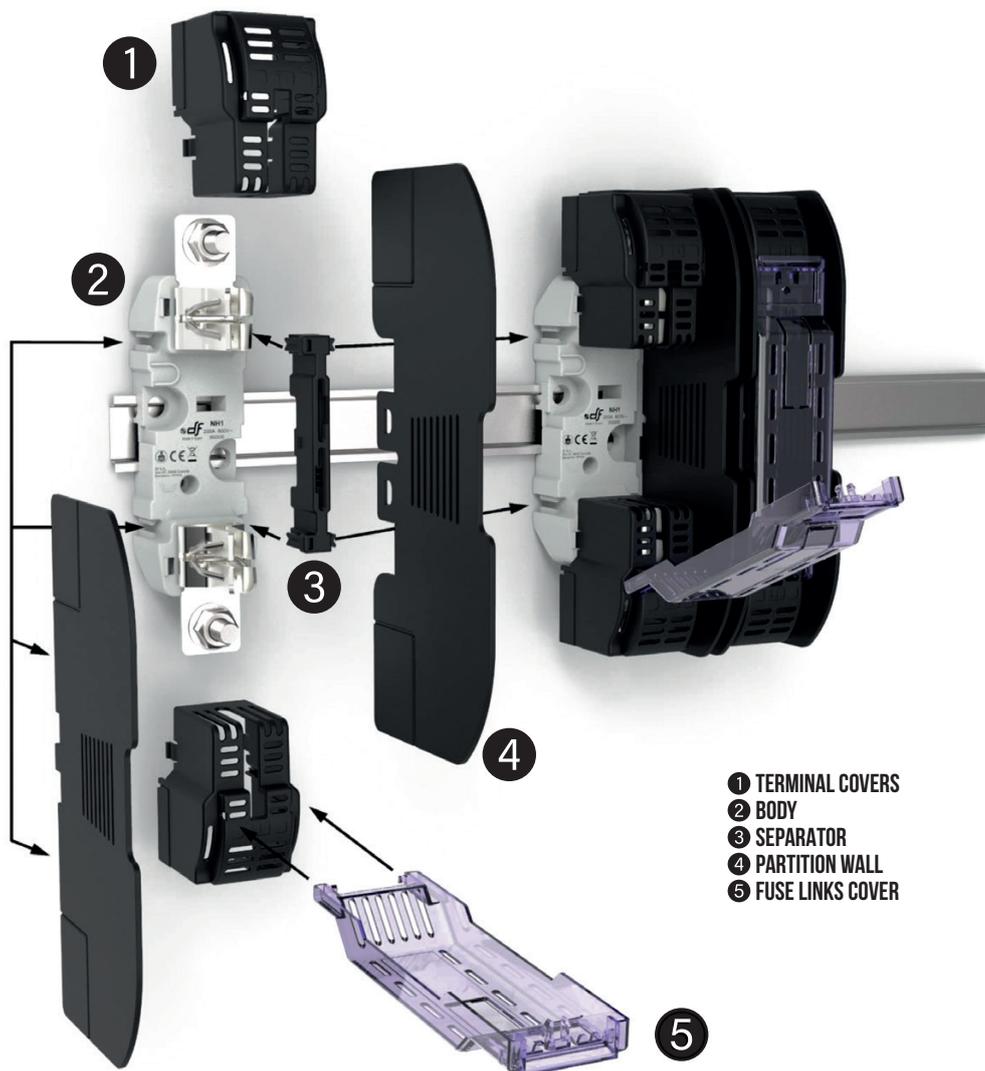
Weight

1P	320gr
3P	1,1kg

Weight without packing



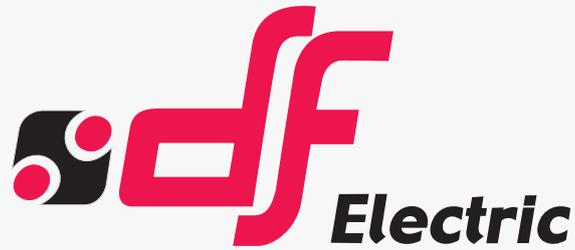
Accessories assembly



- 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

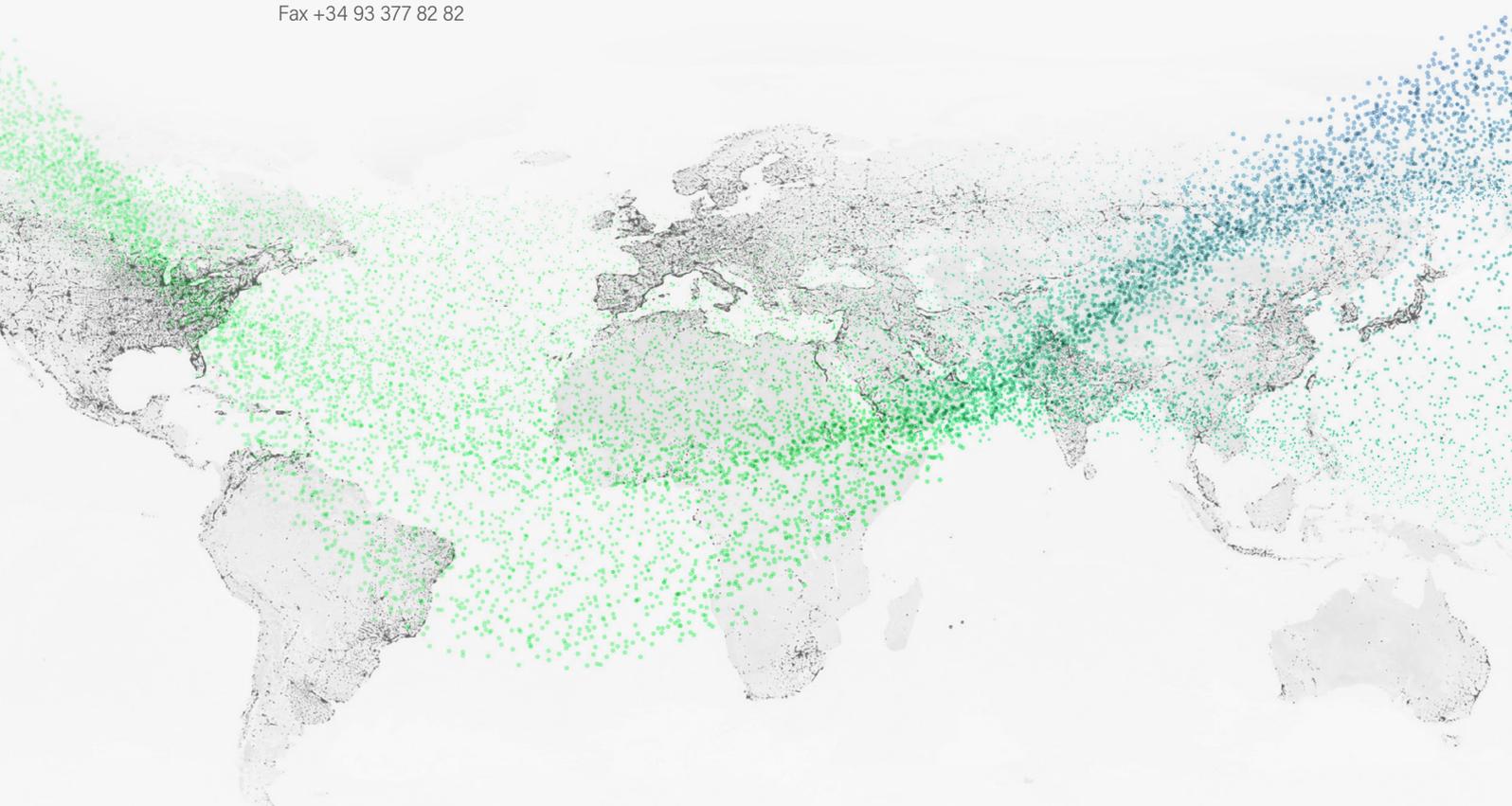
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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.



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