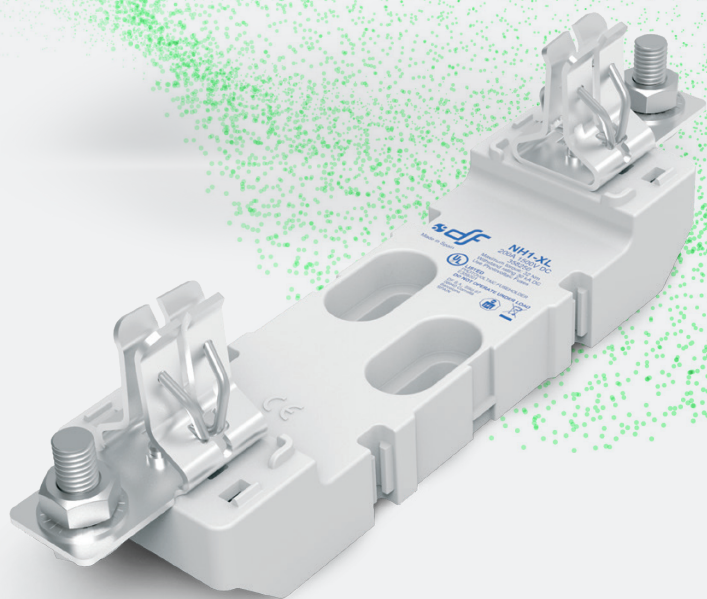


HORUS
PHOTOVOLTAIC
PROTECTION



**PROTECTING
THE WORLD**

PHOTOVOLTAIC

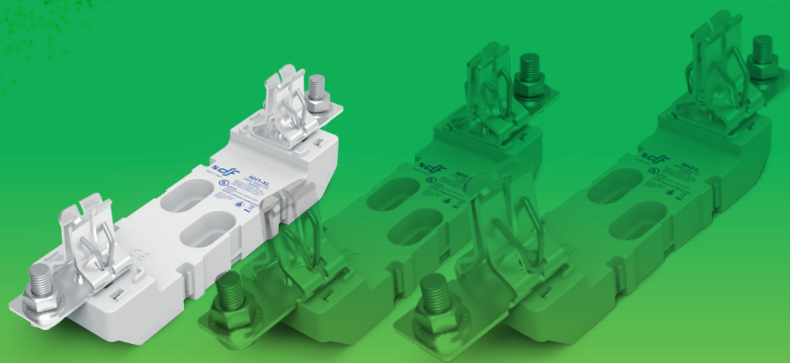
FUSE LINKS & FUSE HOLDERS FOR PHOTOVOLTAIC APPLICATIONS

NH XL 1500V DC

PV fuse base
for NH-XL fuse links

ST

NH1
XL



NH1
XL

NH2
XL

NH3
L



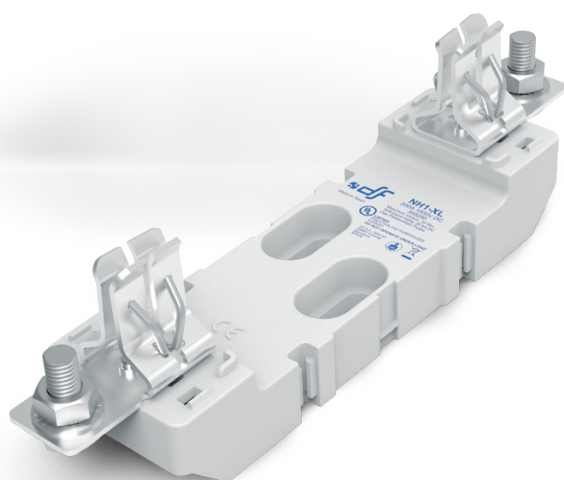
RATED CURRENT
200A

RATED VOLTAGE
1500V DC

MAXIMUM POWER DISSIPATION
45W

PROTECTION INDEX
IP00
IP20

STANDARDS
IEC/EN 60269-1
IEC/EN 60269-2
UL4248-1
UL4248-18



Bases for NH fuse links Photovoltaic applications 1500V DC

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 screw fixing.

Single-phase type.

Connection by screws.

Wide range of accessories: contact covers, partition walls, microswitches.

Multi-pole units can be made with connection accessories.

UL certification (File E359201)




Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
326255	PARTITION WALL FIXED TO SEPARATORS	2
325400	SEPARATOR MULTIPOLE UNITS SEPARATOR	2
325002	TERMINAL COVER	6
357010	MICROSWITCH	1/12
340005	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
358250 	1P	SCREW	SCREW	1



Technical data

Rated current	200A	
Rated voltage	1500V DC	
Maximum power dissipation	45W	
Rated impulse withstand voltage	12kV U imp	
Withstand rating	30kA	
Protection index	IP00 / IP20 ON TERMINALS	
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
	80° C	0,50



DO NOT OPERATE UNDER LOAD

Standards

IEC/EN 60269-1
IEC/EN 60269-2
IEC/EN 60269-6
UL4248-1 Fuse holders
UL4248-19 Photovoltaic fuse holders

Certifications



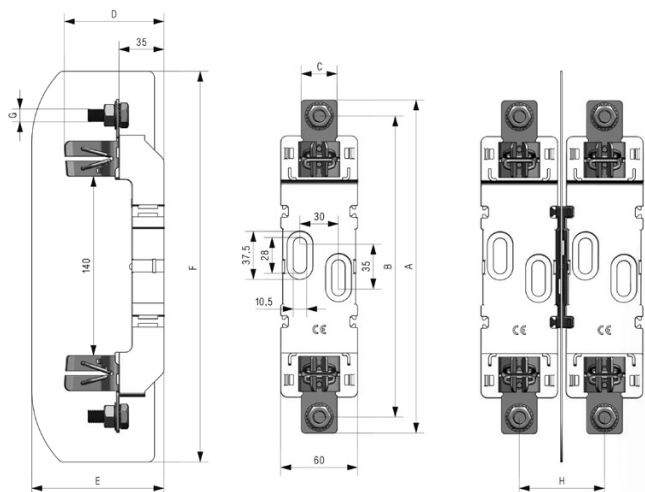
Application characteristics

Materials

Contacts	Silver plated copper
Body	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 Glow wire test: (IEC-60695) 960°C
Partition walls	Phenolic resin laminated
Separators	Thermoplastic, high resistance to temperature Flammability: (UL94) V0
Terminal covers	Thermoplastic, high resistance to temperature Flammability: (UL94) V0 Glow wire test: (IEC-60695) 960°C

Mounting	Screw fixing
Connecting wire	M10
Maximum tightening torque on terminals	32 Nm
Maximum tightening torque fuse holder fixation with screws	12 Nm For a correct functionality, use washers
Multipolar assembly	► FIG. 1
Partition walls	If several fuseholders are installed near each other in row, it will be necessary to use partition walls or to separate them 14mm as minimum

Dimensions



A	B	C	D	E	F	G	H
260	235	28	77,5	103,5	305	M10	66

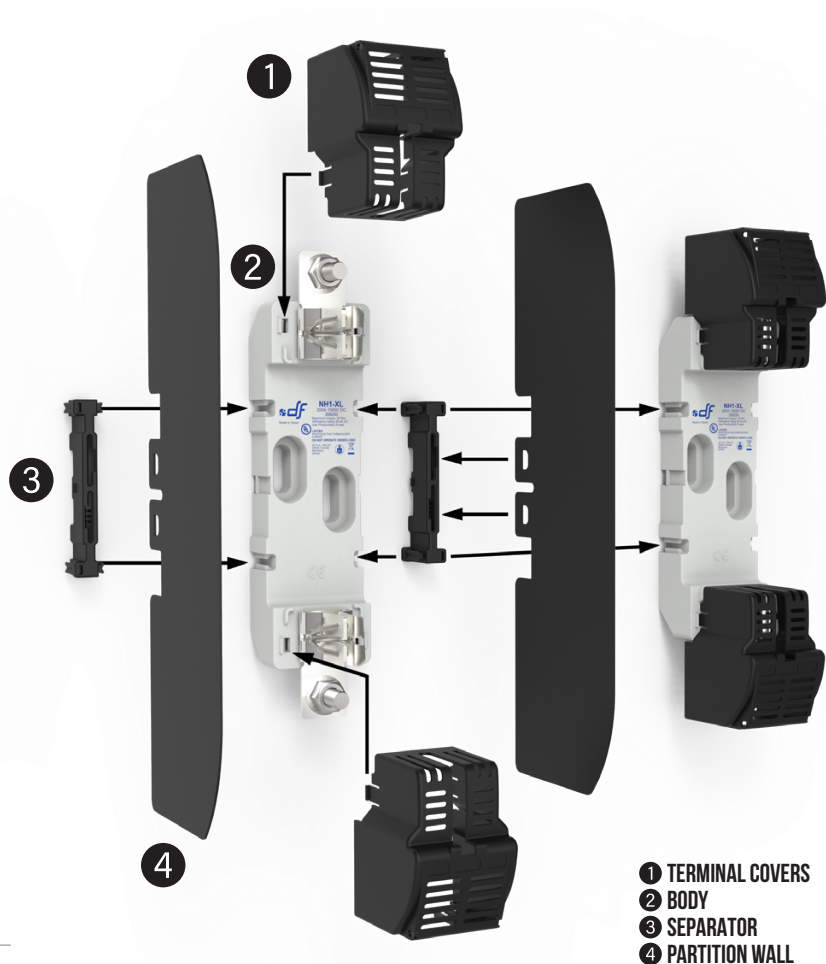
Weight

1P

377gr

Weight without packing

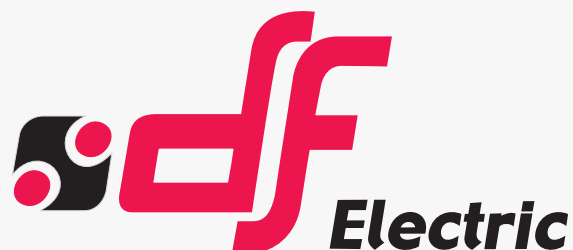
Accessories assembly



- ① TERMINAL COVERS
- ② BODY
- ③ SEPARATOR
- ④ PARTITION WALL

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





PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

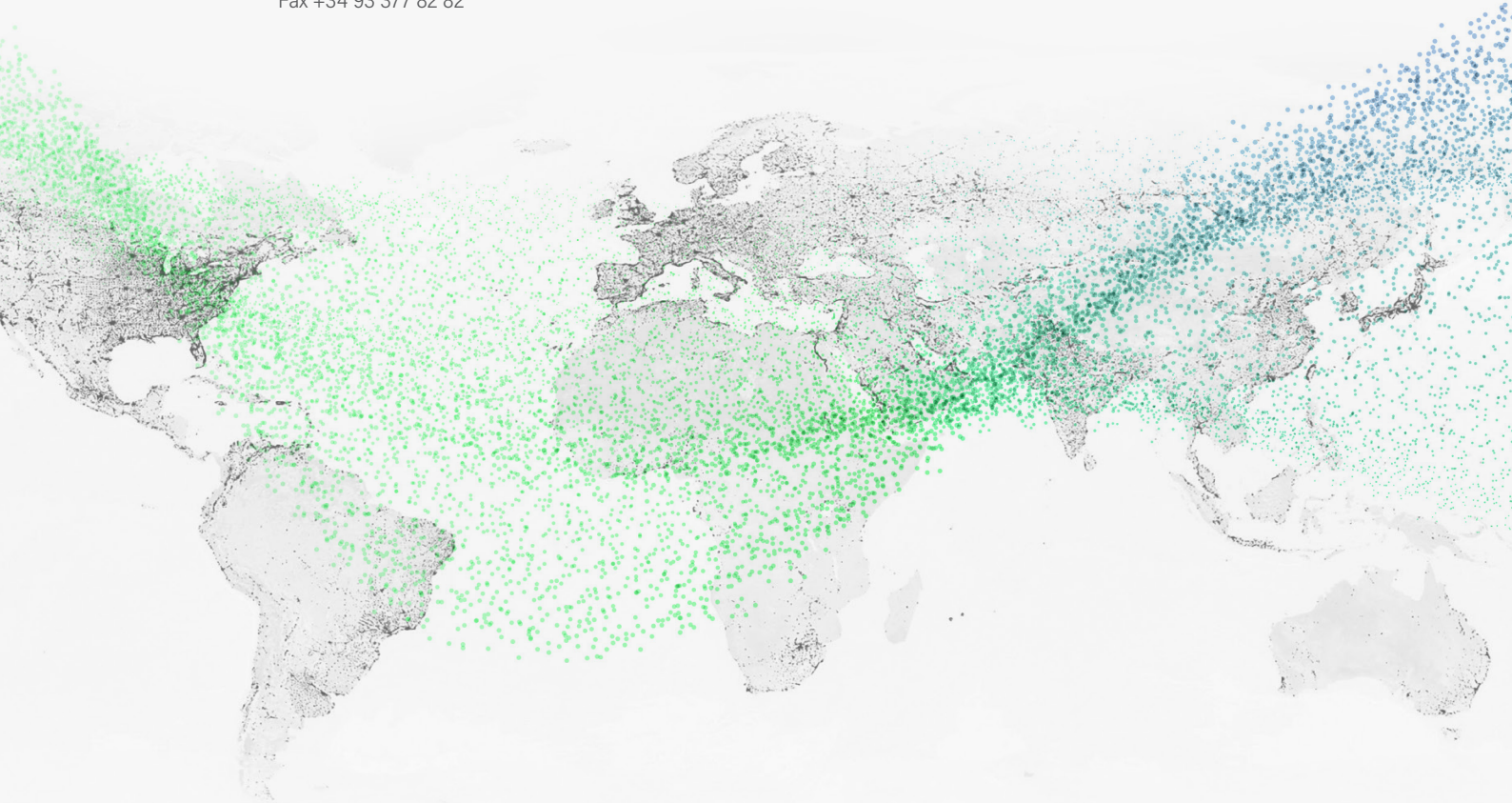
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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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