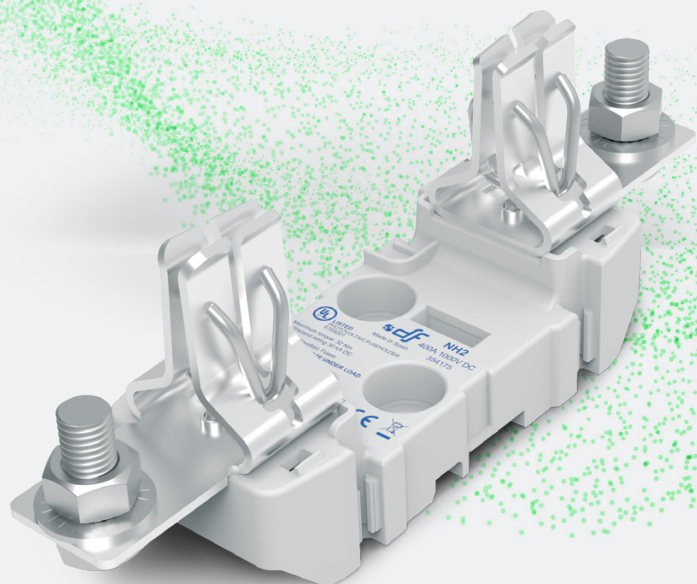


**HORUS**  
PHOTOVOLTAIC  
PROTECTION



**PROTECTING  
THE WORLD**

# PHOTOVOLTAIC

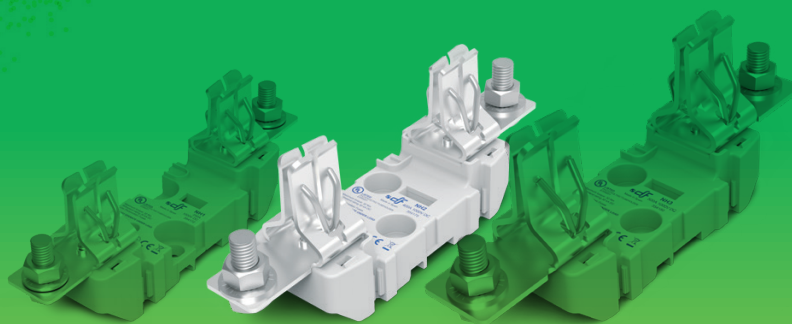
FUSE LINKS & FUSE HOLDERS FOR PHOTOVOLTAIC APPLICATIONS

## NH ST 1000V DC

PV fuse base  
for NH fuse links

ST

NH2



NH1

NH2

NH3



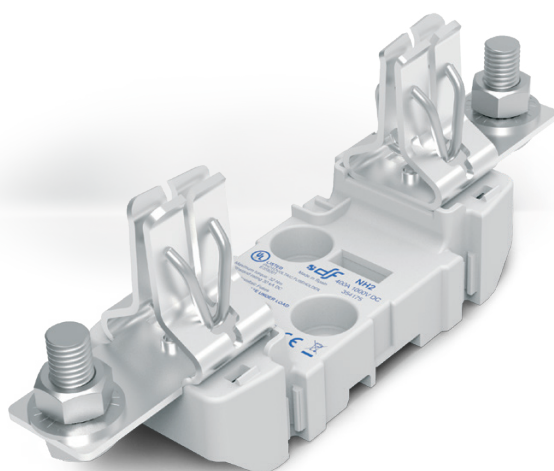
**RATED CURRENT**  
400A

**RATED VOLTAGE**  
1000V DC

**MAXIMUM POWER DISSIPATION**  
45W

**PROTECTION INDEX**  
IP00  
IP20

**STANDARDS**  
IEC/EN 60269-1  
IEC/EN 60269-2  
IEC/EN 60269-6  
UL 4248-1  
UL 4248-18



## Bases for NH fuse links Photovoltaic applications 1000V 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 DIN rail mounting or with screw fixing.

Single-phase type.

Connection by screws.

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.

UL certification (File E359201)




## Accessories

REFERENCE	DESCRIPTION	PACKING Uni./BOX
<b>326250</b>	PARTITION WALL FIXED TO SEPARATORS	2
<b>325400</b>	SEPARATOR MULTIPOLE UNITS SEPARATOR	2
<b>325003</b>	TERMINAL COVER	6
<b>325020</b>	FUSE LINKS COVER	3
<b>357010</b>	MICROSWITCH	1/12
<b>340001</b>	FUSE PULLER	1

### TERMINALS

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

## Range

REFERENCE	POLES	FIXING	CONNECTION	PACKING Uni./BOX
<b>354175</b> 	1P	DIN RAIL/SCREW	SCREW	1



## Technical data

Rated current	400A												
Rated voltage	1000V DC												
Maximum power dissipation	45W												
Breaking capacity	allows fuse links with breaking capacity <b>up to 120kA</b>												
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	<table> <tr><td>20° C</td><td>1</td></tr> <tr><td>30° C</td><td>0,95</td></tr> <tr><td>40° C</td><td>0,90</td></tr> <tr><td>50° C</td><td>0,80</td></tr> <tr><td>60° C</td><td>0,70</td></tr> <tr><td>70° C</td><td>0,60</td></tr> </table>	20° C	1	30° C	0,95	40° C	0,90	50° C	0,80	60° C	0,70	70° C	0,60
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

## 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 NH3: 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
Fuse links covers	Thermoplastic, high resistance to temperature Flammability: (UL94) V2 Glow wire test: (IEC-60695) 850°C

## Standards

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

## Certifications

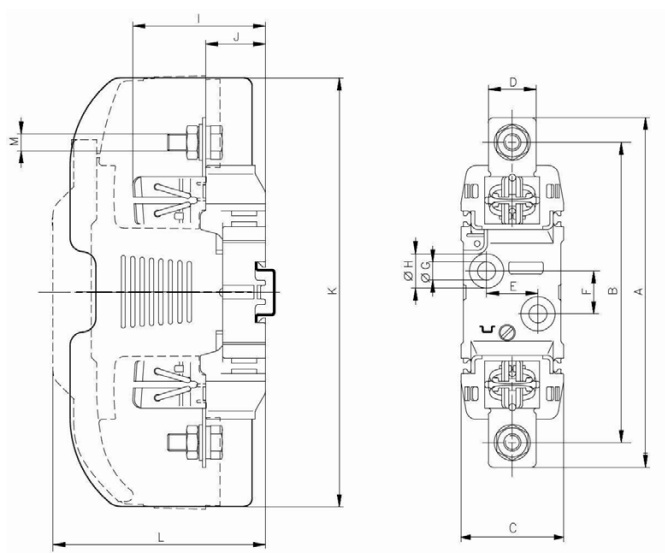


## Application characteristics

Mounting	DIN Rail / 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
Partition walls	If several fuseholders are installed near each other in row, it will be necessary to use partition walls or to separate them <b>8mm as minimum</b>



## Dimensions



A	B	C	D	E	F	G	H	I	J	K	L	M
225	200	60	32	30	25	10,5	20	88	35	250	123	M12

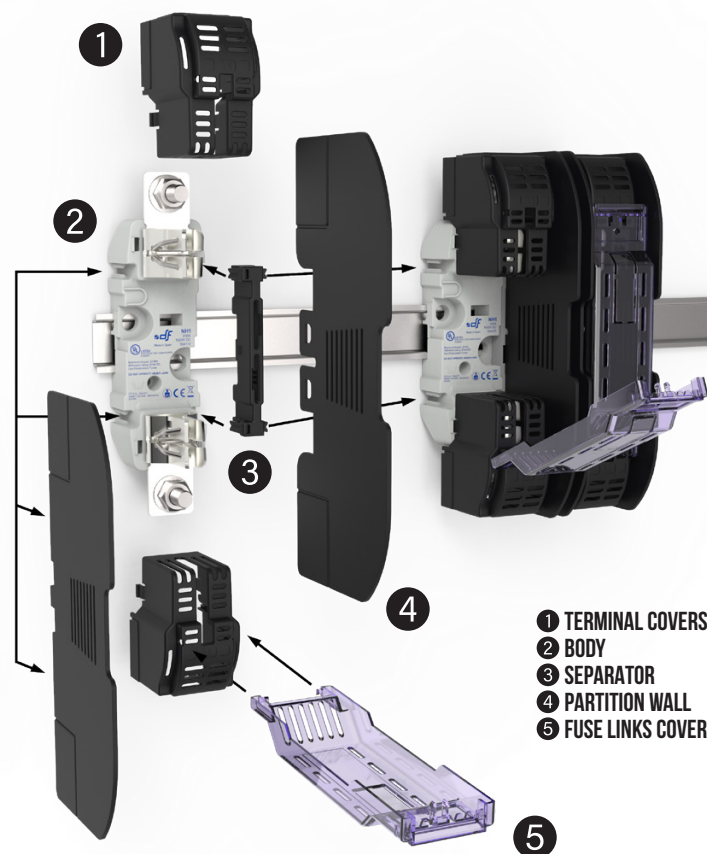
## Weight

1P

509gr

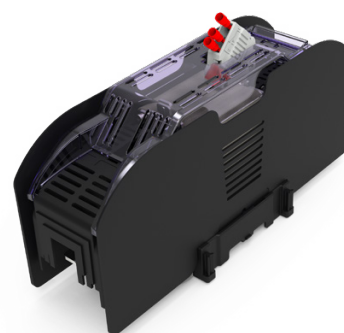
Weight without packing

## Accessories assembly

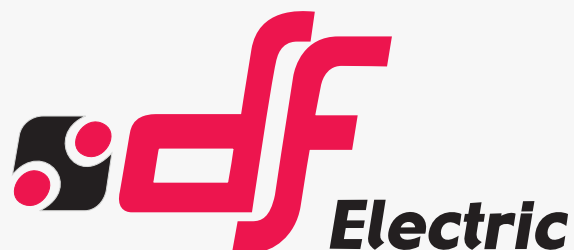


- 1 TERMINAL COVERS
- 2 BODY
- 3 SEPARATOR
- 4 PARTITION WALL
- 5 FUSE LINKS COVER

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







# PROTECTING THE WORLD

## HEAD OFFICE AND FACTORY

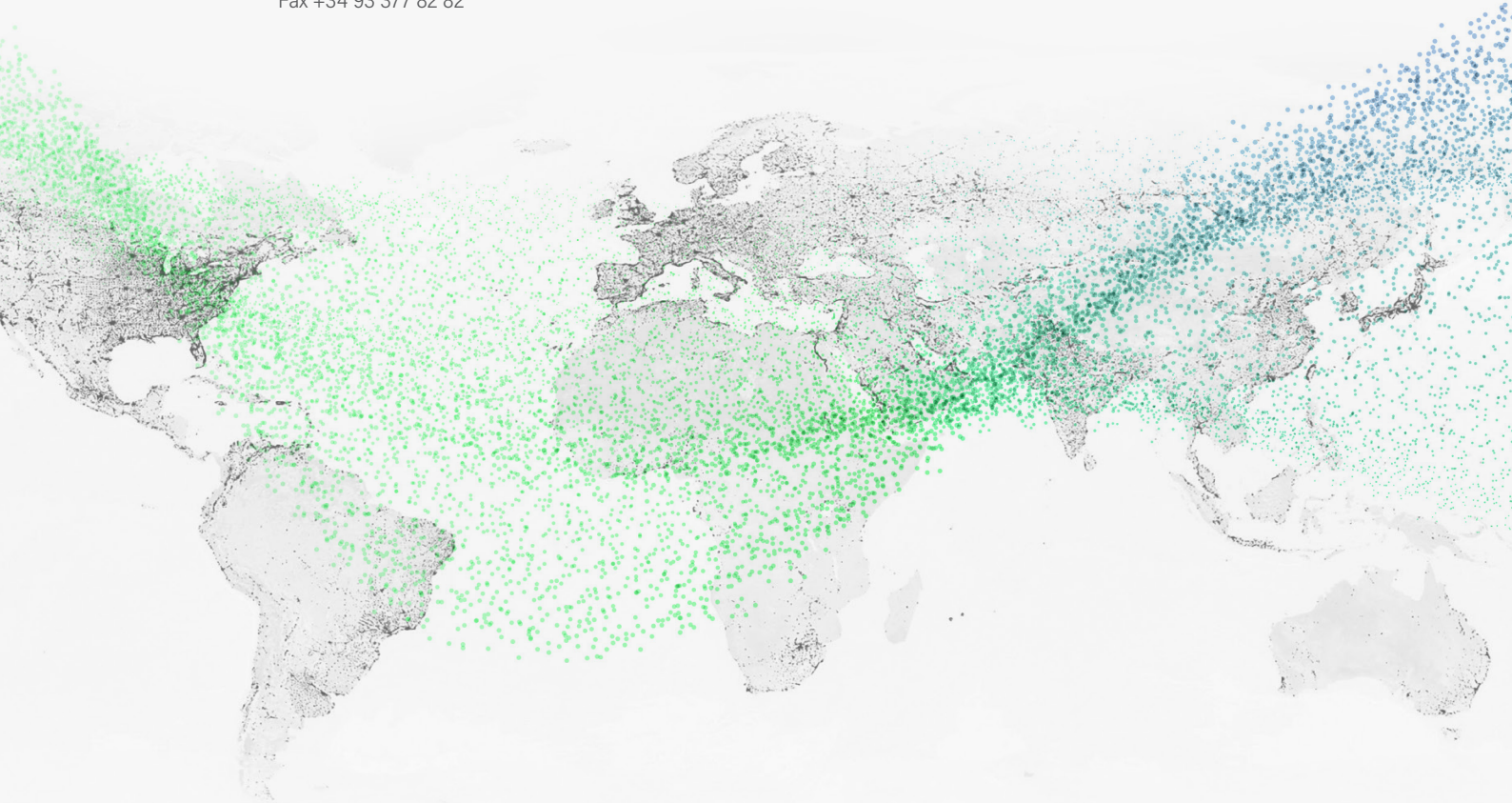
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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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