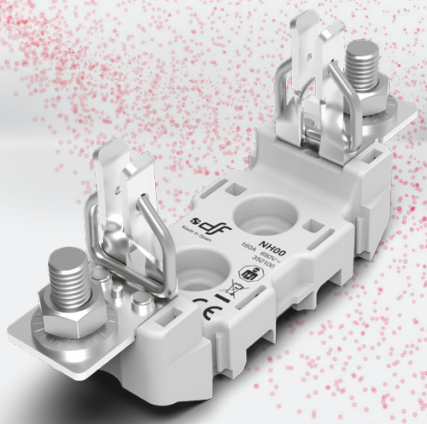
df Electric

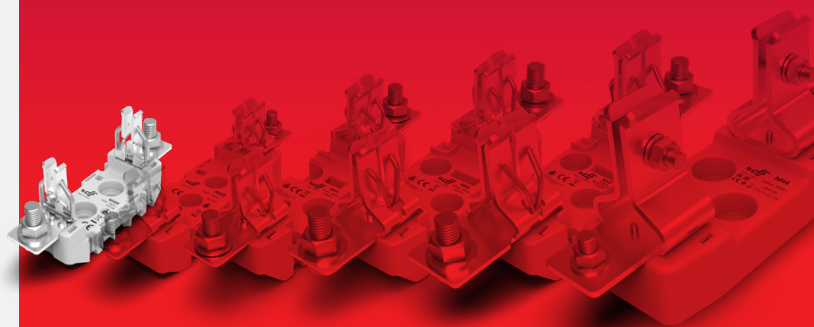
NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

NH ST
690V/800V
bases for NH fuse links

ST NH00





NH00 NH0 NH1 NH2 NH3 NH4

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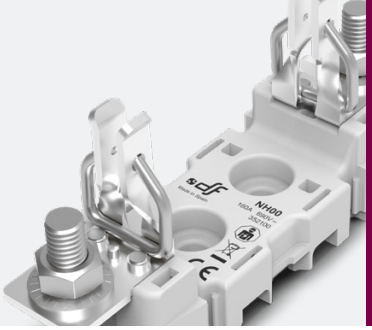

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NH KNIFE-BLADE

NH00

NH00

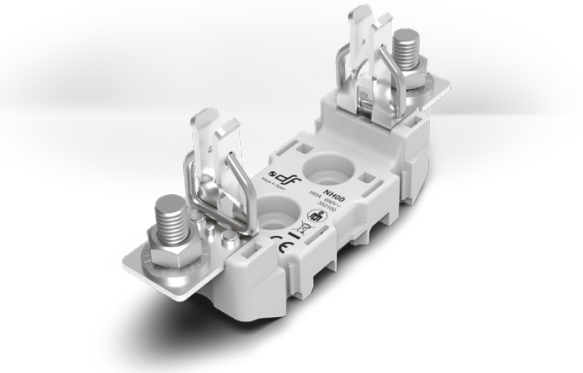
RATED CURRENT
160A

RATED VOLTAGE
690V AC
800V AC

MAXIMUM POWER DISSIPATION
12W

PROTECTION INDEX
IP00
IP20

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



ST fuse bases for NH Knife-blade fuse links

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).

RoHS COMPLIANT

For mounting on DIN/EN rail or with screw fixing.

Single-phase or three-pole type.

Connection by screws, fixed nut or clamps.

Contacts with double spring in order to obtain an optimum operation.

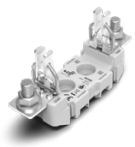
Wide range of accessories (contact covers, fuse link covers, partition walls) that enables IP20 protection index.

Multi-pole units can be made with connection accessories.

Manufactured according IEC and EN standards.

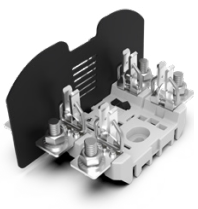
Range

POLES	FIXING	CONNECTION	REFERENCE	PACKING Uni /BOX
1P	SCREW	SCREW	**354100**	3/54
		CLAMP	**354105**	3/54
		CLAMP-SCREW	**354110**	3
		FIXED SCREW	**354115**	3/54
	DIN RAIL/SCREW	SCREW	**352100**	3/54
		CLAMP	**352105**	3
		CLAMP-SCREW	**352110**	3
		FIXED SCREW	**352115**	3/54



352100

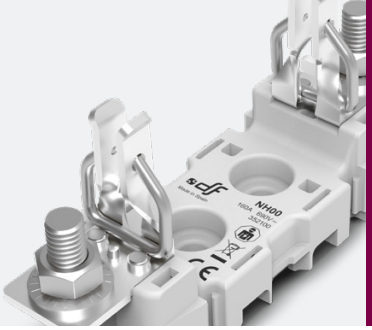
POLES	FIXING	CONNECTION	REFERENCE	PACKING Uni /BOX
3P	DIN RAIL/SCREW	SCREW	**353102**	1/20
		CLAMP	**353105**	1/20
		CLAMP-SCREW	**353110**	1/20
		FIXED NUT	**353115**	1/20
	DIN RAIL/SCREW WITH TERMINAL COVERS	SCREW	**335120**	1
		CLAMP	**335125**	1
		CLAMP-SCREW	**335130**	1
		FIXED NUT	**335135**	1
	DIN RAIL/SCREW WITH IP20 PROTECTION	SCREW	**334717**	1
		CLAMP	**334720**	1
		CLAMP-SCREW	**334725**	1
		FIXED NUT	**334730**	1



353102

335120

334717



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NH00

Accessories

REFERENCE	DESCRIPTION	PACKING Uni /BOX
326100	PARTITION WALL DIRECTLY FIXED TO THE BODY	2
325100	SEPARATOR MULTIPOLE UNITS SEPARATOR	2
325000	TERMINAL COVER SINGLE POLE	6
325009	TERMINAL COVER THREE POLE INTEGRAL WITH PARTITION WALLS	1
325010	FUSE LINKS COVER	3
325030	IP20 PROTECTION KIT SINGLE POLE	1
325032	IP20 PROTECTION KIT THREE POLE	1
341100	NEUTRAL LINK	3
357010	MICROSWITCH	1/12
340001	FUSE PULLER	1

TERMINALS

	CROSS SECTION (mm^2)	CABLE	
343100	50/6	1	3
343160	95/10	1	3
344100	50/6	2	3
344160	95/10	2	3

Technical data

Rated current	160A	
Rated voltage	690V AC 800V AC 750V DC	
Rated power dissipation	12W	
Protection index	IP00 / IP20	
Ambient temperature of service	-20°C ... 80°C	
Storage temperature	-40°C ... 80°C	
Correction of the admissible current in function of the temperature	20º C 30º C 40º C 50º C 60º C 70º C 80º C	1 0,95 0,90 0,80 0,70 0,60 0,50

DO NOT OPERATE UNDER LOAD

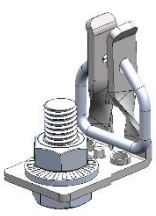
Application characteristics

Mounting	Rail DIN 46277/1-3 (EN50022) Screws		
Connecting wire	M8 SCREW 2xM6 CLAMP		
Maximum tightening torque on terminals	10 Nm SCREW 4 Nm CLAMP		
Maximum tightening torque fuse holder fixation with screws	5 Nm		
Cable cross sectional area Clamp connection		MIN	MAX
	Solid	0,75mm^2	70mm^2
	Stranded	1mm^2	70mm^2
Multipolar assembly	▸FIG. 1		

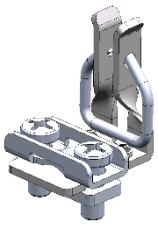
Materials

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

Connection types

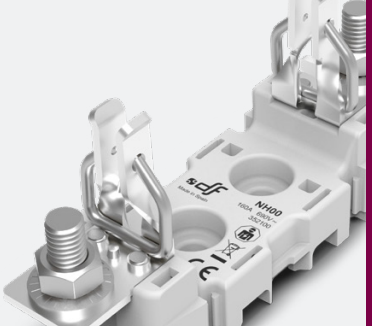


SCREW



CLAMP

FIXED NUT



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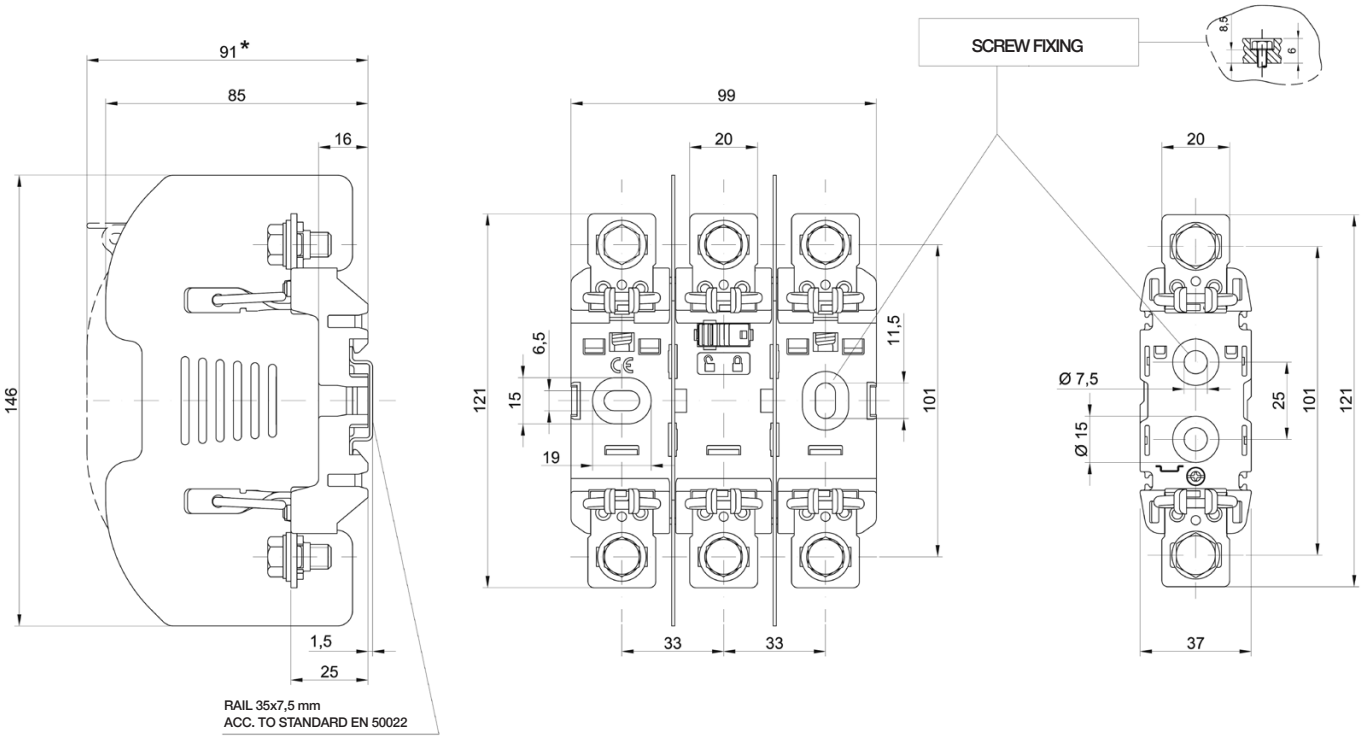
Dimensions



* with IP20 protection

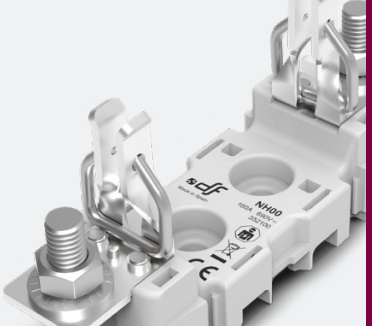
Weight

1P	120gr
3P standard	370gr
3P with terminal covers	430gr
3P with IP20 protection	465gr

Weight without packing

Standards

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



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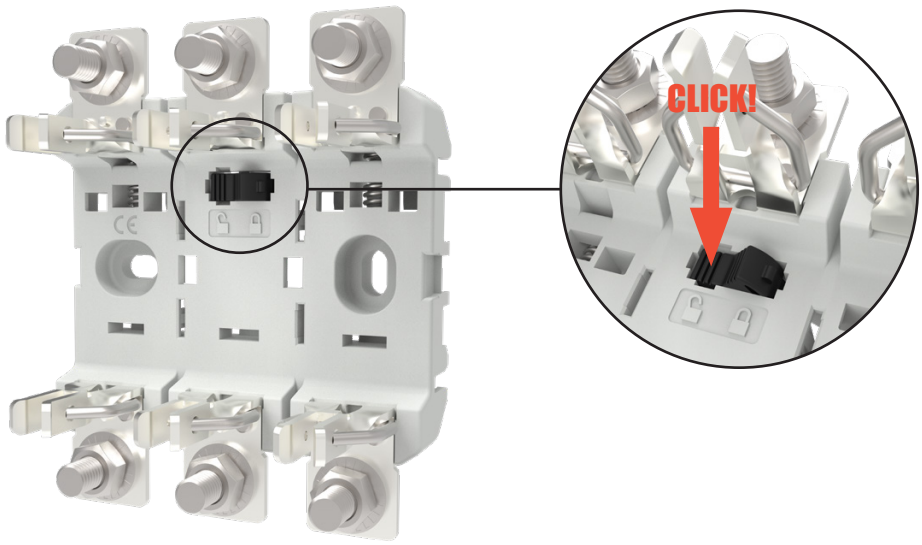
Three pole
DIN rail fixation

1



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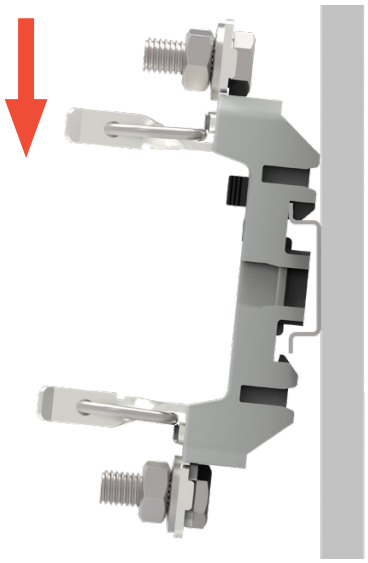

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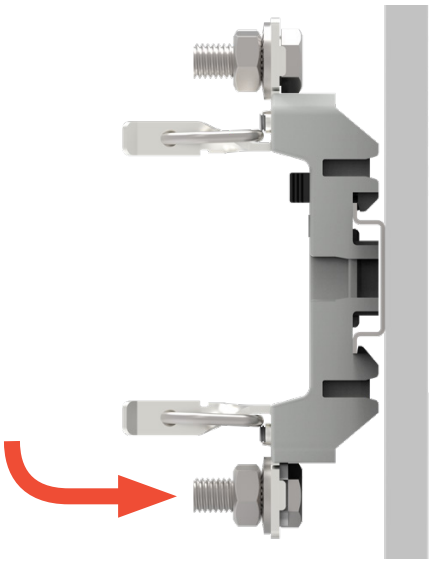

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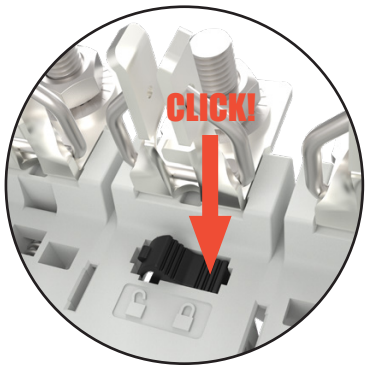

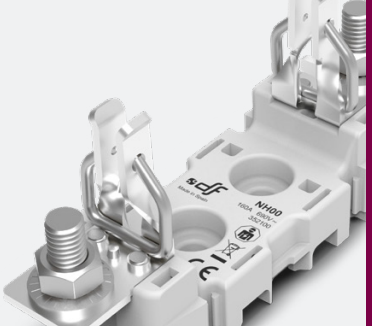

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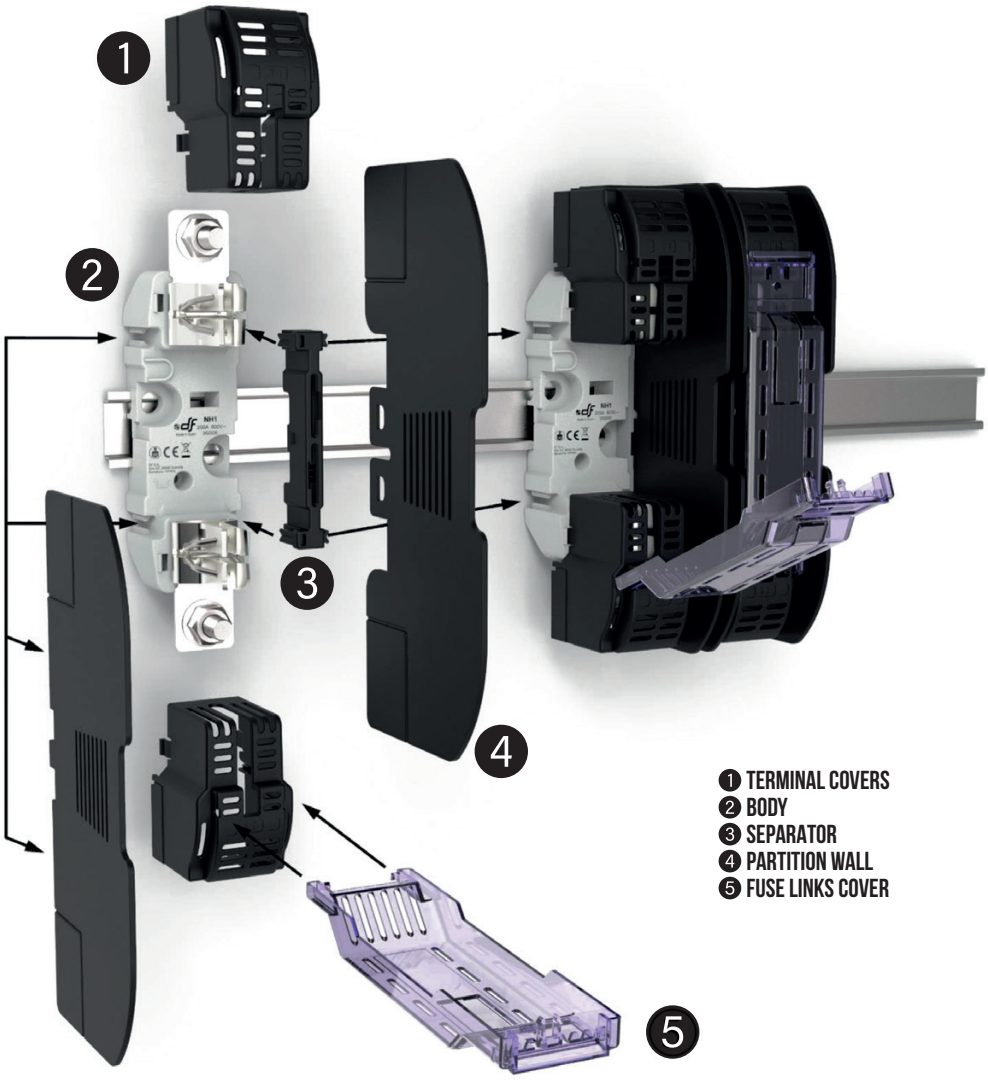
Accessories assembly



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

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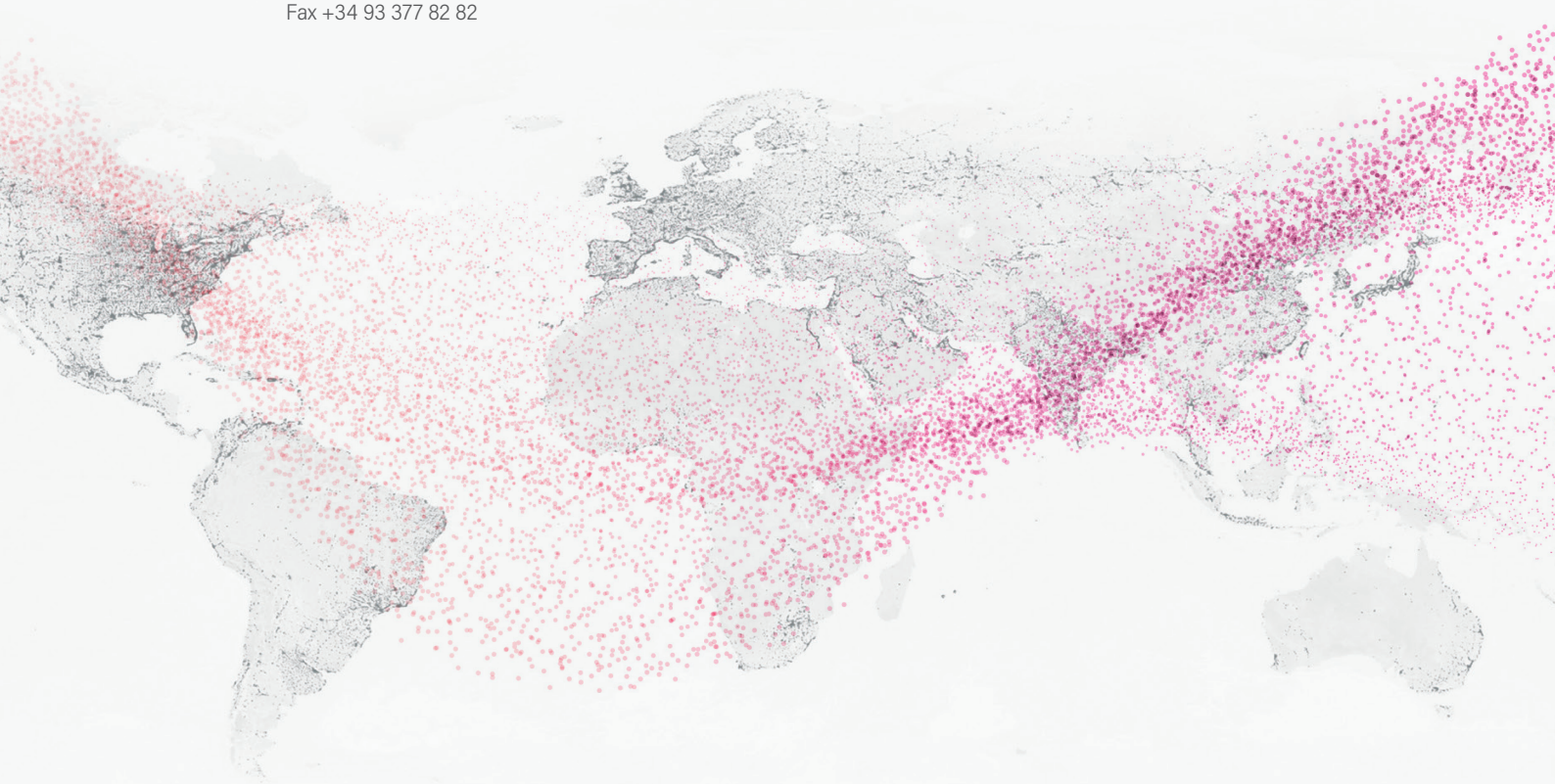

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MADE IN SPAIN

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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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