



**PROTECTING
THE WORLD**

CYLINDRICAL

FUSE LINKS & FUSE HOLDERS/BASES

BAC

open fuse bases
for cylindrical fuse links

BAC

14x51



10x38



14x51



22x58



BAC

open fuse bases
for cylindrical fuse links

CYLINDRICAL

14x51



14x51

RATED CURRENT
50A

RATED VOLTAGE
690V AC
750V DC

MAXIMUM POWER DISSIPATION
11W

PROTECTION INDEX
IP00

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

Open type fuse bases for cylindrical fuse links

Open fuse bases for cylindrical fuse links size 14x51.

Specially suitable for semiconductor protection fuselinks that have a high dissipated power and need to be mounted on open fuseholders to facilitate the dissipation of heat.

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.



For DIN rail mounting or with screw fixing.

Easy terminal connection.

Microswitch accessory for fuses with striker to monitor the fusion.

Manufactured according to IEC, EN standards.

Warning of use

Installing or replacing of fuse links is only allowed by instructed specialized staff.



To avoid electrical risk, install the switchgear without voltage.

Range

REFERENCE	DESCRIPTION	PACKING Uni / BOX
451260	14x51 BAC FUSE BASE 1P	6/120
451261	14x51 BAC FUSE BASE 1P WITH MICROSWITCH	6/120

Accessories

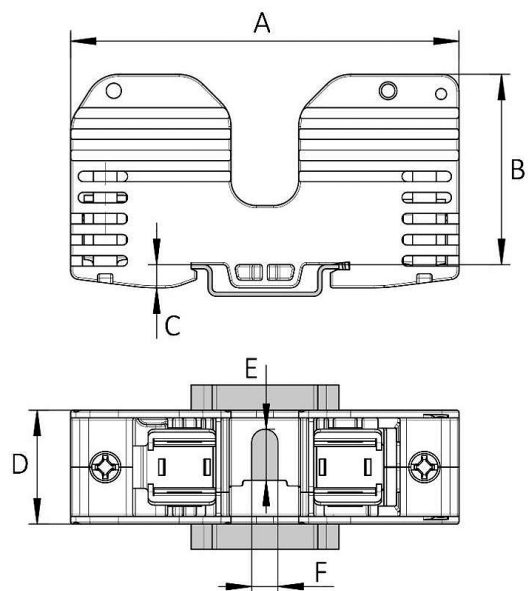
REFERENCE	DESCRIPTION	PACKING Uni / BOX
451275	MICROSWITCH ACCESSORY FOR BAC-14/22	6



Technical data

Rated current	50A	
Rated voltage	690V AC 750V DC	
Maximum power dissipation	11W	
Protection index	IP00	
Rated impulse withstand voltage	6kV	
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

Dimensions

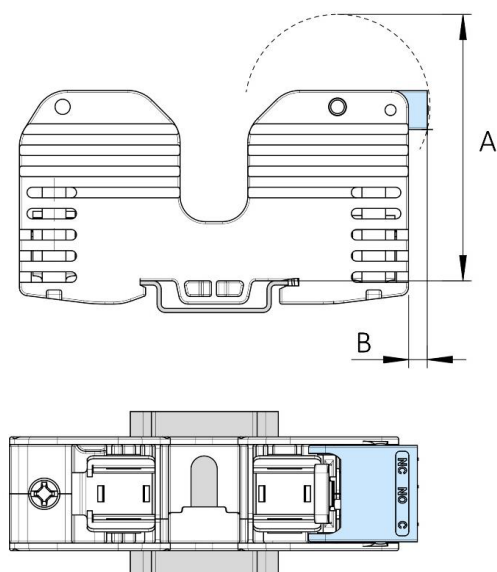


A	B	C	D	E	F
92	45	5,5	26,9	12	6,2

Weight 82gr

Standards

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



A	B
63	4,4



Application characteristics

Connecting wire

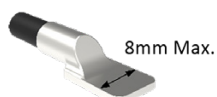
Copper wires only

METRIC	AWG	WIRING
1,5...35mm ² Solid	2.....16 AWG Solid	
1,5...25mm ² Stranded	4.....16 AWG Stranded	

Wire-end terminals

The use of wire-end terminals may allow to increase the connecting wire section.

Wire-end terminals recommended mounting:



Ferrules

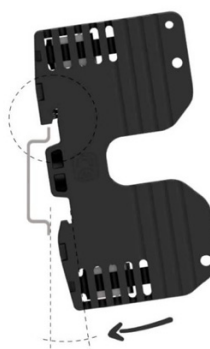
It's recommended use of ferrules in wires with section $\leq 2,5\text{mm}^2$



The product is delivered with the terminals opened and ready to connect

Tightening torque on terminals	2,5...3 Nm 22...26 lb.in
Screws with a combined head	SLOT + PZ2
Screw fixing	M6 - 5 Nm For a correct functionality, use washers

For mounting on DIN/EN standard rail DIN 46277/1-3 (EN50022)



Insert the fuse holder on the DIN rail with a slight angle



Fixed at the top, press down slightly to fix the bottom



The base is mounted on the rail.
To disassemble, perform the same operations in reverse.



The clamping spring must be positioned at the top of the DIN rail



Accessories

Microswitch accessory

Microswitch accessory to monitor the fusion

451275 MICROSWITCH ACCESSORY FOR BAC-14/22



Insert the swingarm into its base housing until it is clipped. Check that it is secure and can be tilted



Insert the micro housing in the indicated holes



Turn the microswitch assembly until it is clipped into the base



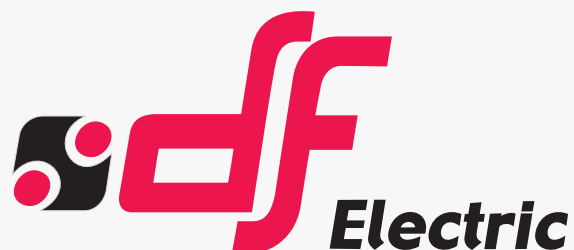
Check that the microswitch assembly is properly assembled. NC - NO - C must be in front



Insert the fuse link with striker as shown in the picture



The rotatory system of the microswitch allows easy access to the connection terminals



PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

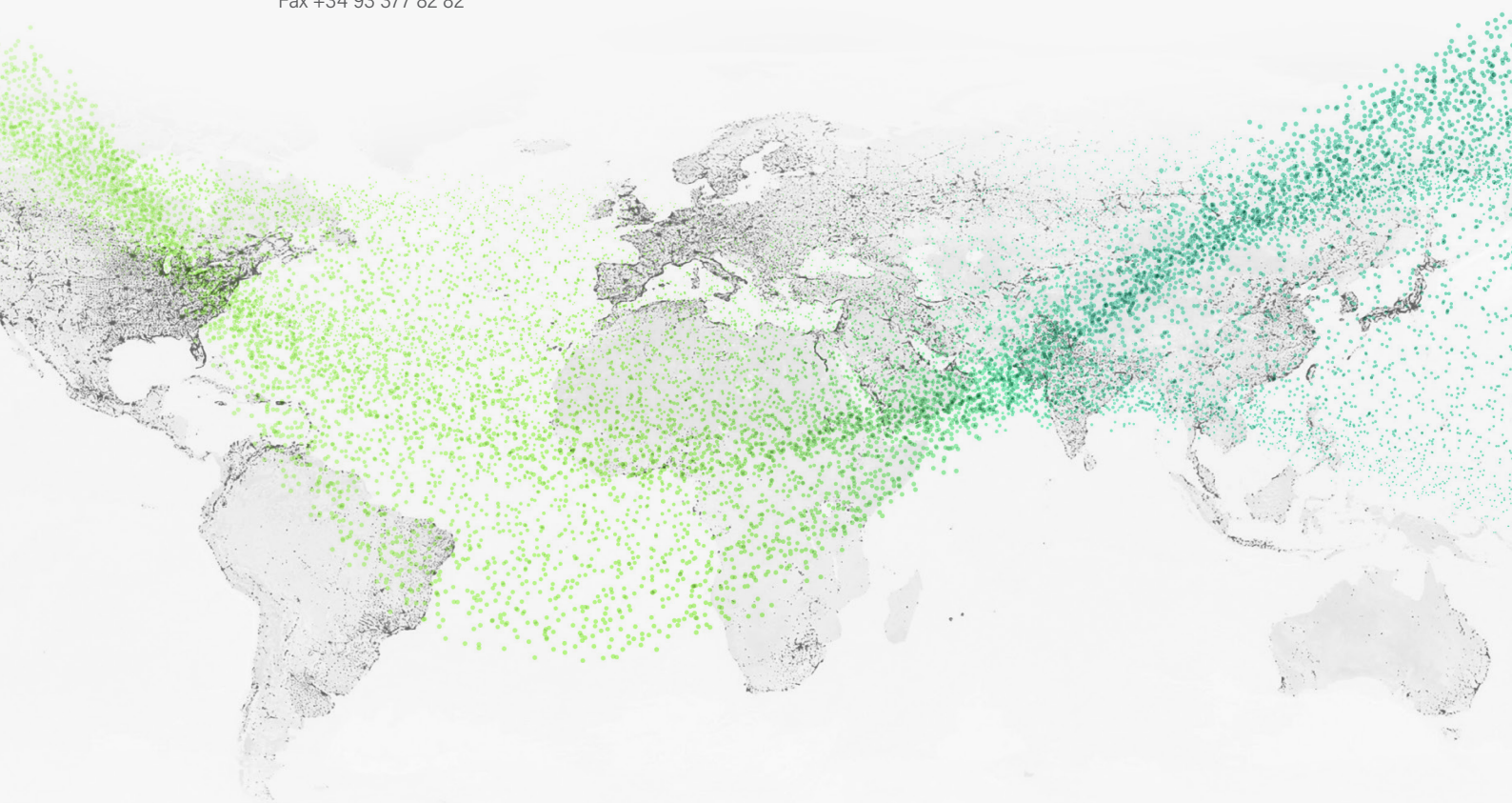
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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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