DC fuse disconnectors Ex9FP30H



- **DC Fuse disconnectors for PV systems**
- **Rated short-circuit breaking capacity Icn with appropriate fuse-link up to 20 kA**
- **Rated current up to 30 A**
- **Rated operational voltage 1500 V DC**
- **Fuse-links of size 10 x 85 mm**

Fuse disconnectors Ex9FP30H for photovoltaic string protection against short circuit and overload. Suitable for cylindrical fuse-links of size 10 x 85 mm.

Type Key

Ex9	FP30	2H
Product family	Product	Fuse current rating
Ex9	FP30: DC fuse disconnector up to 1500 V	H: fuse disconnector 2H: 2 A 4H: 4 A 6H: 6 A 8H: 8 A 10H: 10 A 12H: 12 A 15H: 15 A 16H: 16 A 20H: 20 A 25H: 25 A 30H: 30 A

Certification marks

CE

NOARK

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1-pole fuse disconnector



Poles	Article No.	Type	Packing
1	113250	Ex9FP30H	1/6/96

Fuse-links



Dimensions	Rated current	Article No.	Type	Packing
10x85 mm	2 A	113251	Ex9FP30 2H	1/10/500
10x85 mm	4 A	113252	Ex9FP30 4H	1/10/500
10x85 mm	6 A	113253	Ex9FP30 6H	1/10/500
10x85 mm	8 A	113254	Ex9FP30 8H	1/10/500
10x85 mm	10 A	113255	Ex9FP30 10H	1/10/500
10x85 mm	12 A	113256	Ex9FP30 12H	1/10/500
10x85 mm	15 A	113257	Ex9FP30 15H	1/10/500
10x85 mm	16 A	113258	Ex9FP30 16H	1/10/500
10x85 mm	20 A	113259	Ex9FP30 20H	1/10/500
10x85 mm	25 A	113260	Ex9FP30 25H	1/10/500
10x85 mm	30 A	113261	Ex9FP30 30H	1/10/500

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General parameters

For protecting against overload and short-circuit current in direct current and PV applications
Fuse disconnector cannot be operated by unskilled person (EN 60947-3)

Electrical parameters

Tested according to	IEC / EN 60947-3
Rated operating voltage U_e	1500 V DC
Rated current I_e DC-20B 1500 V DC	up to 30 A
Number of poles	1
Rated insulation voltage U_i	1500 V DC
Rated impulse withstand voltage U_{imp}	8 kV
Utilization category	DC-20B
Rated short-circuit breaking capacity	33 kA
Rated conditional short-circuit current	20 kA
Maximum power loss of fuse link	10 W

Mechanical parameters

Device width	22,4 mm
Device height	128 mm (133 mm including rail clip)
Frame size	64,8 mm
Mounting	easy fastening onto 35 mm device rail (DIN)
Degree of protection	IP20
Terminal capacity	1 — 25 mm^2
Ambient temperature	-35 — +70 °C
Altitude	≤ 2000 m
Relative humidity	≤ 95 %
Resistance to humidity and heat	class 2
Pollution degree	3
Installation class	III
Fuse dimension	10 x 85 mm

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Dimensions

