

# DC Fuse disconnectors Ex9FP for PV

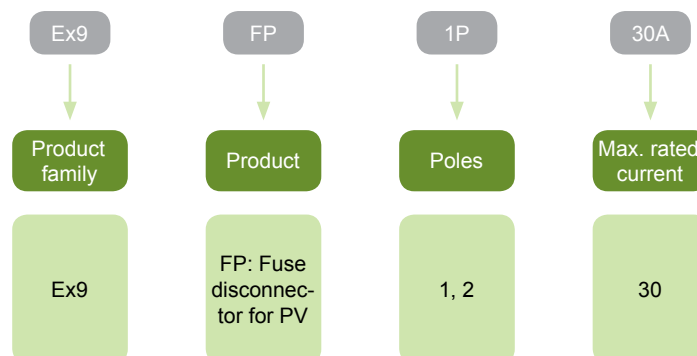


- DC Fuse disconnectors for PV systems
- Rated short-circuit breaking capacity  $I_{cn}$  with appropriate fuse-link up to 33 kA
- Rated current up to 30 A
- Optical tripping indicator
- Fuse-links of size 10 x 38 mm
- Utilization category DC-20B

Rated operational voltage 1000 V DC

Fuse disconnectors Ex9FP for photovoltaic strings protection against. Suitable for cylindrical fuse-links of size 10 x 38 mm.

## Type Key



## Certification marks



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## 1-pole



Poles	Article No.	Type	Packing
1	101766	Ex9FP 1P 30A	1/12/144

## 2-pole



Poles	Article No.	Type	Packing
2	101767	Ex9FP 2P 30A	1/6/72

# Technical Data DC Fuse Disconnectors Ex9FP

## General parameters

Protecting for overload and short-circuit current in PV applications
Modular design, width 1 MU per pole
Fuse fault indicator

## Electrical parameters

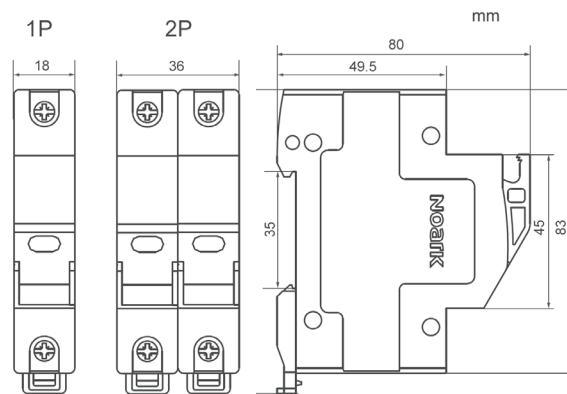
Tested according to	IEC/EN 60947-3
Rated op. voltage	1000 V DC
Rated current $I_n$ DC-20B 1000 V DC	up to 30 A
Number of poles	1, 2
Utilization category	DC-20B
Rated short-time breaking capacity	33 kA (30 kA from 20A)
Maximum power loss of fuse link	4 W

## Mechanical parameters

Device width	18 mm (per pole)
Device height	83 mm (89 mm including rail clip)
Frame size	45 mm
Mounting	easy fastening onto 35 mm device rail (DIN)
Degree of protection	IP20
Terminal capacity	2,5 — 10 mm <sup>2</sup>
Ambient temperature	-30 — +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 38 mm
Weight	0.07 kg per pole

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## Dimensions



## Wiring diagrams

