

FUSEHOLDER WSFH 10X85 1K5V LED

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Photovoltaic fuse holder for PV applications

- For usage in photovoltaic DC combiner boxes up to 1500V
- DIN- rail mounted
- For use with cylindrical fuse links from 15A up to 32A of 10x85mm gPV

General ordering data

Version	Photovoltaics, Fuse holder, 1500 V, 10x85, with LED
Order No.	3164270000
Type	FUSEHOLDER WSFH 10X85 1K5V LED
GTIN (EAN)	4099987800310
Qty.	10 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	67 mm	Depth (inches)	2.6378 inch
Height	125 mm	Height (inches)	4.9212 inch
Width	22.2 mm	Width (inches)	0.874 inch
Net weight	99 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	90 °C
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Fuse holder connection

Number of connections	2	Stripping length	9.5 mm
Tightening torque, max.	2.5 Nm	Tightening torque, min.	2 Nm
Type of connection	Screw connection	Wire material	Copper
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section AWG, max.	AWG 17
Wire connection cross section, finely stranded, min.	1 mm ²	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
Wire connection cross-section, solid core, min.	1 mm ²	Wire connection cross-section, solid core, max.	16 mm ²

Fuse holder technical data

Cartridge fuse	10 x 85 mm	Colour	Light Blue
Display	LED	Fuse holder (cartridge holder)	Pivoting
Max. current	32 A	Number of potentials	1
Power dissipation, max.	6.5 W	Mounting rail	TS 35
Rated impulse withstand voltage	6 kV	Surge voltage category	III
Type of mounting	TS 35		

Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

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Accessories

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10x85 gPV



gPV 10×85 cylindrical fuse cartridges are designed to provide compact, safe and economical protection of photovoltaic modules (field protection) with voltages up to 1,500 DC. They provide protection against both overload and short circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 standards).

General ordering data

Type	FUSE WSFL 10X85 15A 1K5...	Version
Order No.	400002597	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 15 A
GTIN (EAN)	8430243419611	
Qty.	50 ST	
Type	FUSE WSFL 10X85 16A 1K5...	Version
Order No.	400002609	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 16 A
GTIN (EAN)	8430243419628	
Qty.	5 ST	
Type	FUSE WSFL 10X85 20A 1K5...	Version
Order No.	400002610	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 20 A
GTIN (EAN)	8430243419635	
Qty.	50 ST	
Type	FUSE WSFL 10X85 25A 1K5...	Version
Order No.	400002611	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 25 A
GTIN (EAN)	8430243419642	
Qty.	50 ST	
Type	FUSE WSFL 10X85 30A 1K5...	Version
Order No.	400005431	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 30 A
GTIN (EAN)	8430243440424	
Qty.	50 ST	
Type	FUSE WSFL 10X85 32A 1K5...	Version
Order No.	400002612	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 32 A
GTIN (EAN)	8430243419659	
Qty.	5 ST	
Type	FUSE WSFL 10X85 35A 1K5...	Version
Order No.	316428000	Photovoltaics, Cartridge fuse, 1500 V, 10x85, gPV, 35 A
GTIN (EAN)	4099987800327	
Qty.	5 ST	