Shanghai Newtrend Electric Co., Ltd.
No. 618 North Huting Road | 201615 | Shanghai | China
WhatsApp / WeChat: +86-18019187010 | sales@sntelec.com | www.sntelec.com

FPV-32

PHOTOVOLTAIC FUSE HOLDER / PRODUCT DATASHEET

1000V DC	32A	10x38mm
Rated voltage	Holder rated current	Fuse-link formats



The NewTrend FPV-32 is a DIN-rail photovoltaic fuse holder for cylindrical 10x38mm photovoltaic fuse links. The published series rating is up to 32A at 1000V DC. The photographed reference unit carries a 30A nameplate; confirm the required nameplate rating when ordering.

Designed for photovoltaic combiner boxes, solar array fuse assemblies and inverter DC-side protection assemblies.

Product type	Photovoltaic fuse holder
Rated voltage	1000V DC
Series current rating	Up to 32A
Test standard	IEC 60269-6
Mounting	35mm DIN rail
Overall dimensions	80 x 60 x 18mm

Configuration selection

Model	FPV-32
Fuse size	10x38mm cylindrical fuse links
Assembly	Single-pole and multi-pole assemblies

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Product features

FPV-32 / STRUCTURE AND INSTALLATION DETAILS



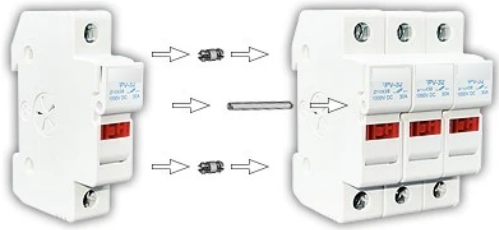
Flame-retardant shell

Thermosetting housing with heat-resistant, insulating and flame-retardant performance.



35mm DIN-rail mounting

The concealed mounting spring secures the holder to a 35mm DIN rail.



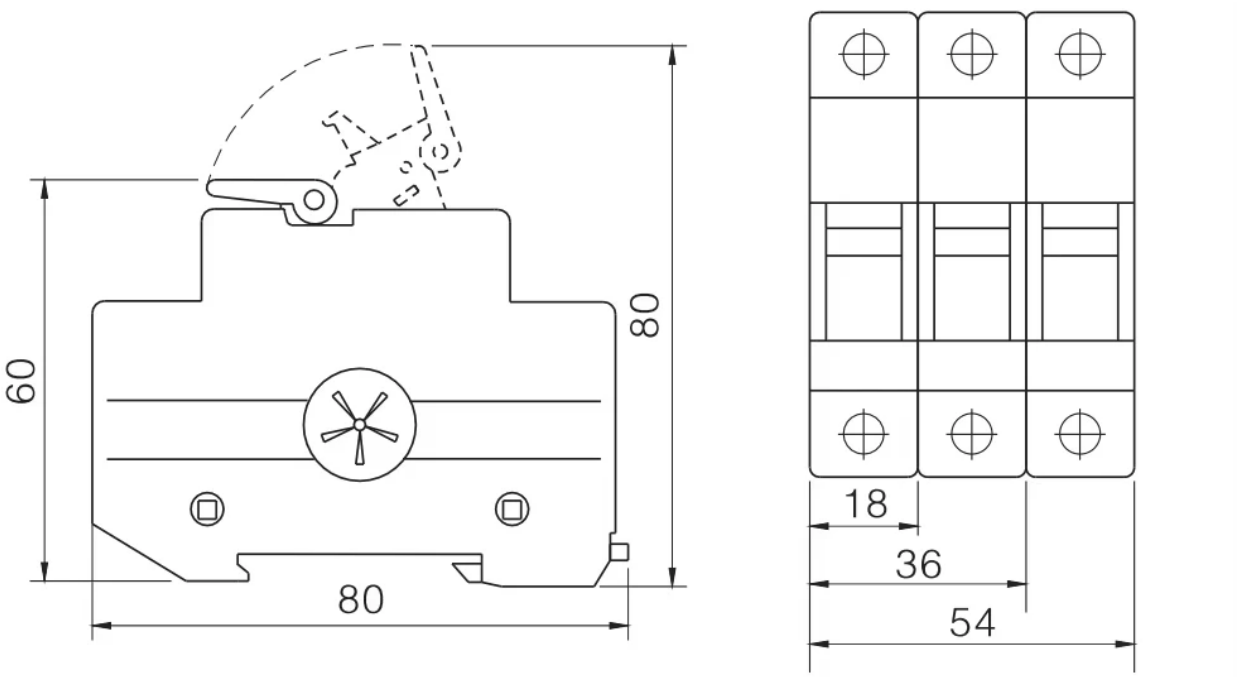
Multi-pole assembly

Connecting accessories allow multiple single-pole holders to be assembled together. The drawing shows 18mm, 36mm and 54mm assembly widths.

NT-FPV32-EN | 2026-11

Dimensions and installation

FPV-32 / DIMENSIONS IN MILLIMETRES



Closed envelope	80 x 60 x 18mm
Open height	80mm
Assembly widths	1P: 18mm / 2P: 36mm / 3P: 54mm

Fuse compatibility and operation

Use compatible 10x38mm photovoltaic fuse links within the holder rating. Secure the holder to a 35mm DIN rail using the concealed base spring.

Do not open under load.

NT-FPV32-EN | 2026-11

Photovoltaic fuse range

SERIES SELECTION REFERENCE / CYLINDRICAL FUSE LINKS AND HOLDERS

Product model	Rated current	Rated voltage	Fuse size	Class of operation	Standard	Breaking capacity	Time constant
FPV1038	1-32A	1000V DC	10x38mm	gPV	UL248-19 IEC 60269-6	20kA	1-3ms
FPV-32	32A	1000V DC	/	gPV	UL4248-19 IEC60269	/	/
FPV1085	2-32A	1500V DC	10x85mm	gPV	UL248-19 IEC 60269-6	50kA	1-3ms
FPV1485	30-50A	1500V DC	14x85mm	gPV	UL248-19 IEC 60269-6	50kA	1-3ms
FPV-63T	50A	1500V DC	/	gPV	UL248-19 IEC 60269-6	/	/
FPV1451	15-50A	1000V DC	14x51mm	gPV	IEC 60269-6	20kA	1-3ms
FPV1451	15-32A	1500V DC	14x51mm	gPV	IEC 60269-6	20kA	1-3ms
FPV1451B	50A	1000V/1500V DC	/	gPV	IEC 60269	/	/
FPV2258	10-80A	1000V DC	22x58mm	gPV	IEC 60269-6	10kA	1-3ms
FPV2258	10-80A	1500V DC	22x58mm	gPV	IEC 60269-6	10kA	1-3ms
FPV2258B	80A	1000V/1500V DC	/	gPV	IEC 60269	/	/
FPV1038D	2-32A	1000V DC	10x38mm	gPV	GB/T 13539.6 IEC 60269-6	20kA	1-3ms
FPV1038S	2-32A	1000V DC	10x38mm	gPV	GB/T 13539.6 IEC 60269-6	20kA	1-3ms
FPV1058S	2-32A	1500V DC	10x58mm	gPV	GB/T 13539.6 IEC 60269-6	20kA	1-3ms
FPV-32H	32A	1000V DC	/	gPV	UL248-19 IEC 60269-6	/	/
FPV-63L	50A	1500V DC	/	gPV	UL248-19 IEC 60269-6	/	/

NT-FPV32-EN | 2026-11