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FPV-32H

PHOTOVOLTAIC FUSE HOLDER / PRODUCT DATASHEET

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



The NewTrend FPV-32H is a DIN-rail photovoltaic fuse holder for cylindrical 10x38mm photovoltaic fuse links. Its compact thermosetting housing is rated up to 32A at 1000V DC.

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

Product type	Photovoltaic fuse holder
Rated voltage	1000V DC
Rated current	32A
Test standard	IEC 60269-6
Mounting	35mm DIN rail
Overall dimensions	84.5 x 74.1 x 18.4mm

Configuration selection

Model	FPV-32H
Fuse size	10x38mm cylindrical fuse links
Indicator	Without indicator / With indicator

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Product features

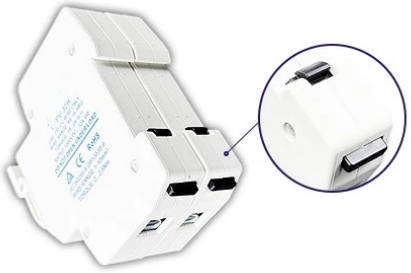
FPV-32H / STRUCTURE AND INSTALLATION DETAILS

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.

Compact design



Compact housing supports space-efficient installation in photovoltaic assemblies.

Optional fuse indicator



The optional indicator shows whether the fuse has operated.

Photovoltaic applications



For photovoltaic combiner boxes, solar array assemblies and inverter DC-side protection.

Quick installation

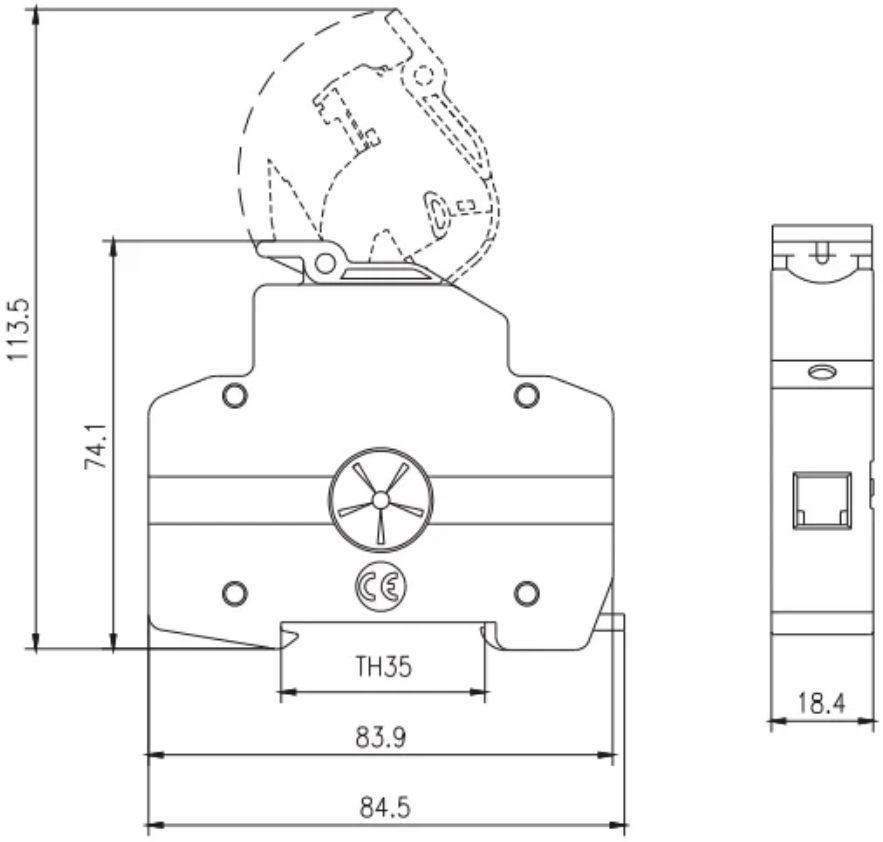


The holder can be mounted on the DIN rail with the fuse link fitted.

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Dimensions and installation

FPV-32H / DIMENSIONS IN MILLIMETRES



Closed envelope	84.5 x 74.1 x 18.4mm
Open height	113.5mm
Additional dimensions	83.9mm mounting reference / TH35 rail

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.

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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	/	/

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