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FPV-63T

PHOTOVOLTAIC FUSE HOLDER / PRODUCT DATASHEET

1500V DC	50A	10x85 / 14x85mm
Rated voltage	Holder rated current	Fuse-link formats



The NewTrend FPV-63T is a DIN-rail photovoltaic fuse holder for cylindrical 10x85mm and 14x85mm fuse links. The removable insert adapts the same holder to either fuse size.

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

Product type	Photovoltaic fuse holder
Rated voltage	1500V DC
Rated current	50A
Test standard	IEC 60269-6
Mounting	35mm DIN rail
Overall dimensions	134 x 64.8 x 22.4mm

Configuration selection

Model	FPV-63T
Fuse size	10x85mm with insert / 14x85mm without insert
Indicator	Without indicator / With indicator

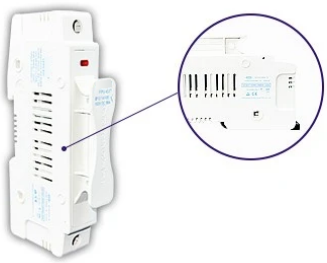
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Product features

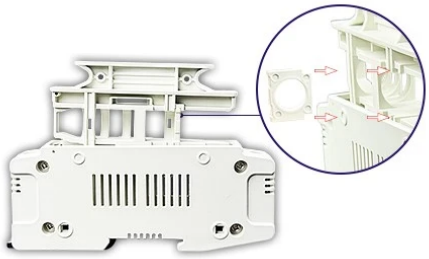
FPV-63T / STRUCTURE AND INSTALLATION DETAILS

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.

Removable fuse-size insert



Fit the insert for 10x85mm fuse links; remove it for 14x85mm fuse links.

Optional fuse indicator



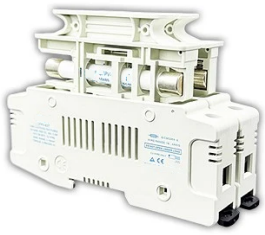
The optional indicator shows whether the fuse has operated.

Ventilation slots



Ventilation slots and the internal cooling space support heat dissipation.

Quick installation

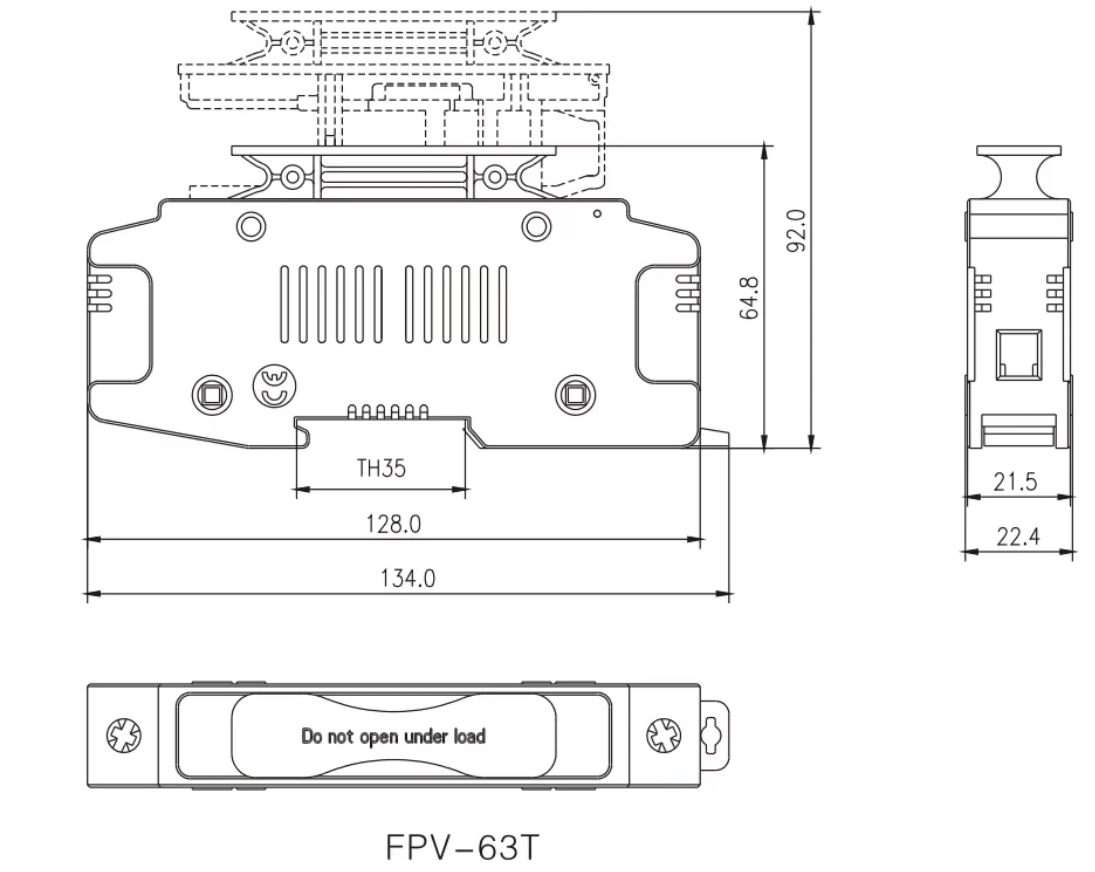


The holder can be mounted on the DIN rail with the fuse link fitted.

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Dimensions and installation

FPV-63T / DIMENSIONS IN MILLIMETRES



Closed envelope	134 x 64.8 x 22.4mm
Open height	92mm
Additional dimensions	128mm / 21.5mm / TH35 mounting rail

Fuse compatibility and operation

Use the insert for 10x85mm fuse links; remove it for 14x85mm fuse links. 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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