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FPV-63L

PHOTOVOLTAIC FUSE HOLDER / PRODUCT DATASHEET

1500V DC
Rated voltage

50A
Holder rated current

10x85 / 14x85mm
Fuse-link formats



The NewTrend FPV-63L 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	136 x 65 x 24mm

Configuration selection

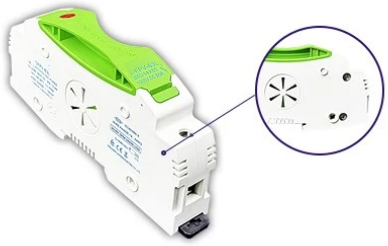
Model	FPV-63L
Fuse size	10x85mm with insert / 14x85mm without insert
Indicator	Without indicator / With indicator

NT-FPV63L-EN | 2026-11

Product features

FPV-63L / STRUCTURE AND INSTALLATION DETAILS

Flame-retardant shell



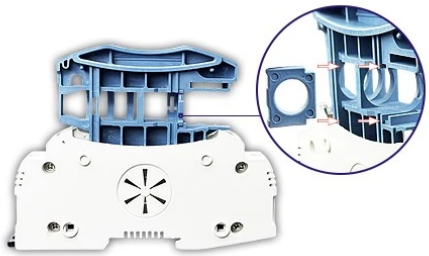
Thermosetting housing with heat-resistant, insulating and flame-retardant performance.

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

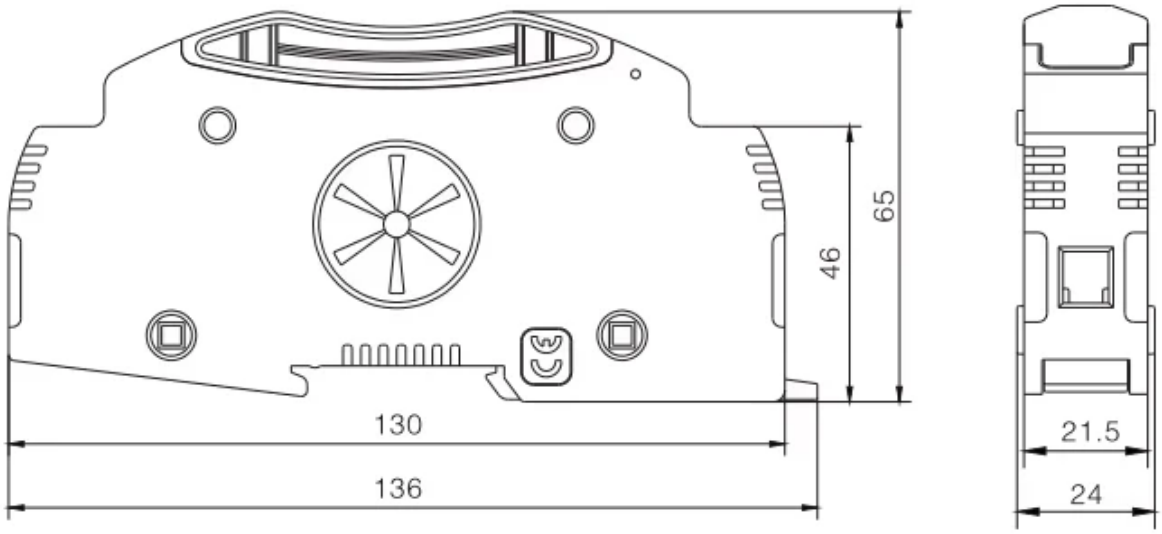


The holder can be mounted on the DIN rail with the fuse link fitted.

NT-FPV63L-EN | 2026-11

Dimensions and installation

FPV-63L / DIMENSIONS IN MILLIMETRES



Overall envelope	136 x 65 x 24mm
Additional drawing dimensions	130mm / 46mm / 21.5mm
Mounting rail	35mm DIN rail

Fuse-link compatibility

10x85mm	Use the removable insert in the holder.
14x85mm	Remove the insert before fitting the fuse link.

Installation and operation

Secure the holder to a 35mm DIN rail using the concealed base spring. The optional indicator shows fuse operation.

Do not open under load.

NT-FPV63L-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-FPV63L-EN | 2026-11