Low Voltage DC Fuse

LFPV-1038L

Photovoltaic Fuse Link

- Compliance: IEC/EN 60269-6
- Class of Operation: gPV
- Fuse Link Size: Φ10 × 38 mm
- Rated Breaking Capacity (I_{cn}): 20 kA
- Time Constant: 1-3 ms

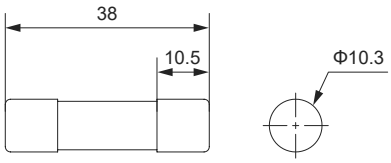
Technical Data

LFPV-1038L

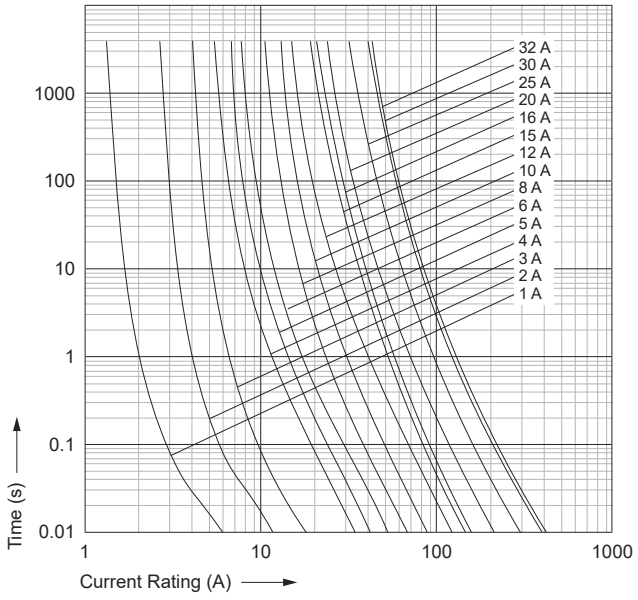
Electrical Characteristic		
Rated Operating Current	I_n	1-32 A
Rated Operating Voltage	U_e	1000 Vdc
Rated Breaking Capacity	I_1	20 kA
Class of Operation		gPV
Fuse Link Size		Φ10 × 38 mm
Environmental / Safety		RoHS Compliant, Pb-free
Operating Temperature Range		-40 °C to +90 °C
Altitude Range		< 2000 m
Mounting Type		Vertical or Horizontal
Pollution Degree		3

Dimensions

[mm]



Time-Current Curve



Low Voltage DC Fuse

LFPV-1038H

Photovoltaic Fuse Holder

- Compliance: IEC/EN 60269-6
- Class of Operation: gPV
- Rated operating voltage (U_e): 1000 Vdc
- Applicable Fuse Link Size: Φ10 × 38 mm

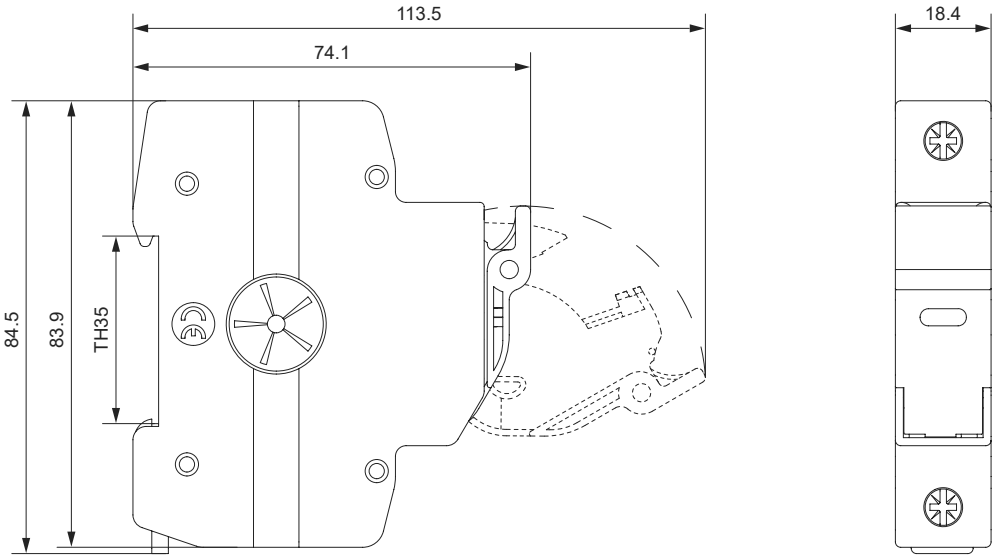
Technical Data

LFPV-1038H

Electrical Characteristic		
Rated Current	I_n	32 A
Rated Operating Voltage	U_e	1000 Vdc
Class of Operation		gPV
Applicable Fuse Link Size		Φ10 × 38 mm
Metal Material		Copper
Environmental / Safety		RoHS Compliant, Pb-free
Degree of Protection		IP20
Operating Temperature Range		-40 °C to +90 °C
Altitude Range		< 2000 m
Mounting Type		Vertical or Horizontal
Wire Range		1-10 mm^2
Torque		2-2.5 Nm

Dimensions

[mm]



Low Voltage DC Fuse

LFPV-1085L / LFPV-1485L

Photovoltaic Fuse Link

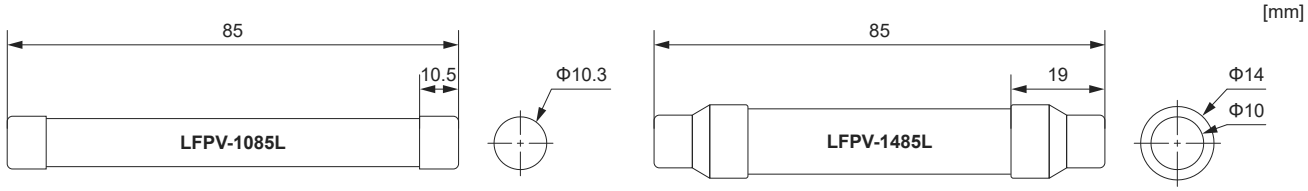
- Compliance: IEC/EN 60269-6
- Class of Operation: gPV
- Fuse Link Size: Φ10 × 85 mm / Φ14 × 85 mm
- Rated Breaking Capacity (I_{cn}): 50 kA
- Time Constant: 1-3 ms

Technical Data

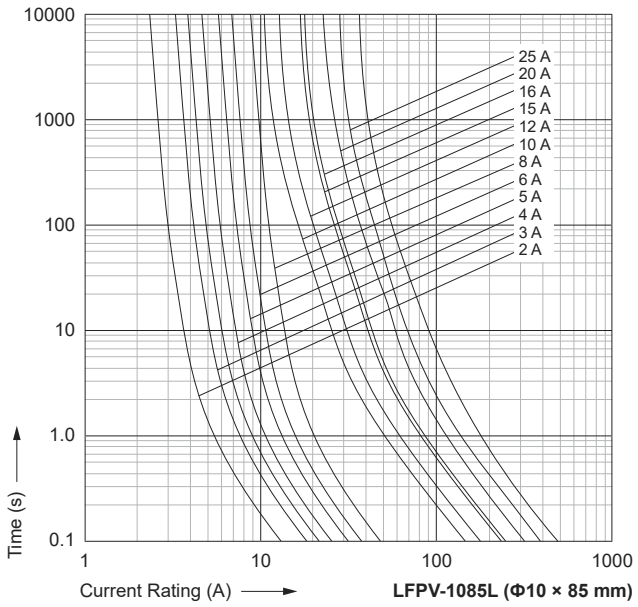
DC Fuse Link		LFPV-1085L	LFPV-1485L
Electrical Characteristic			
Rated Operating Current	I_n	2-32 A	8-50 A
Rated Operating Voltage	U_e	1500 Vdc	
Rated Breaking Capacity	I_1	50 kA	
Class of Operation		gPV	
Fuse Link Size		Φ10 × 85 mm	Φ14 × 85 mm
Environmental / Safety		RoHS Compliant, Pb-free	
Operating Temperature Range		-40 °C to +90 °C	
Altitude Range		< 2000 m	
Mounting Type		Vertical or Horizontal	
Pollution Degree		3	

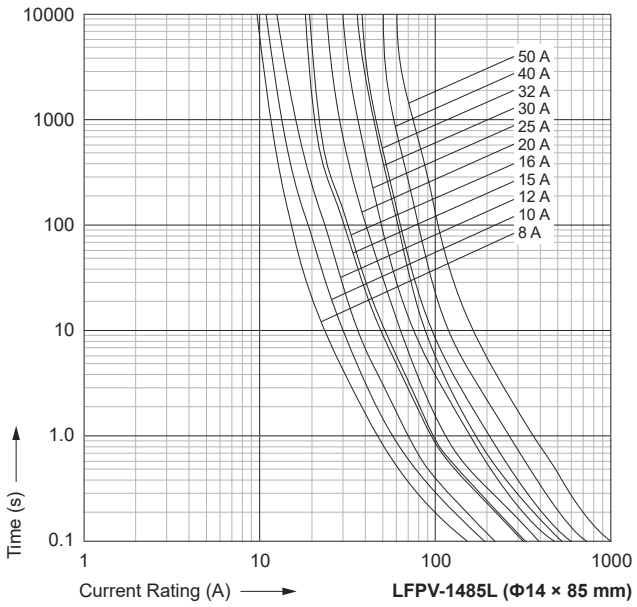
Dimensions

[mm]



Time-Current Curve





Low Voltage DC Fuse

LFPV-1485H

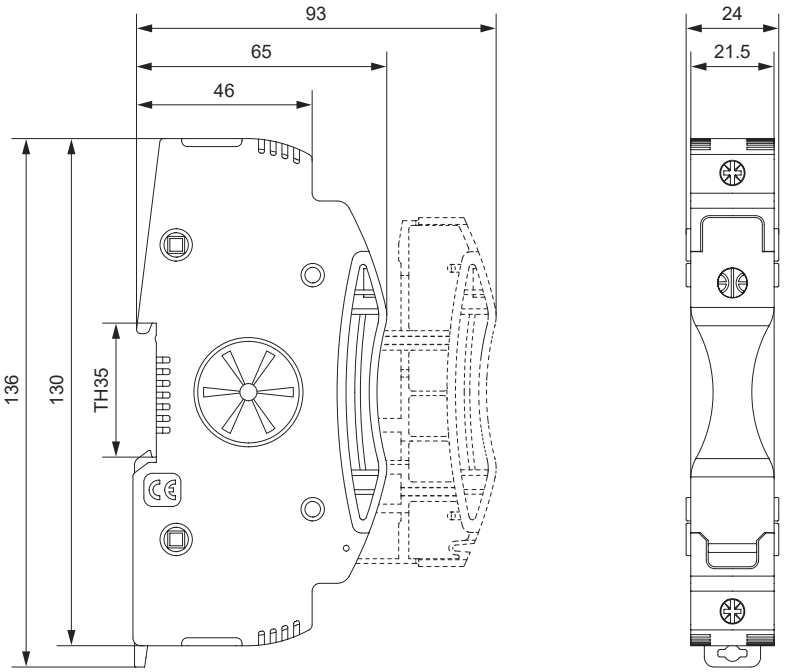
Photovoltaic Fuse Holder

- Compliance: IEC/EN 60269-6
- Class of Operation: gPV
- Rated operating voltage (U_e): 1500 Vdc
- Applicable Fuse Link Size: Φ10 × 85 mm
  Φ14 × 85 mm

Technical Data

LFPV-1485H

Electrical Characteristic		
Rated Current	I_n	63 A
Rated Operating Voltage	U_e	1500 Vdc
Class of Operation		gPV
Applicable Fuse Link Size		Φ10 × 85 mm / Φ14 × 85 mm
Metal Material		Copper
Environmental / Safety		RoHS Compliant, Pb-free
Degree of Protection		IP20
Operating Temperature Range		-40 °C to +90 °C
Altitude Range		< 2000 m
Mounting Type		Vertical or Horizontal
Wire Range		1-10 mm^2
Torque		2-2.5 Nm

Dimensions

[mm]