



22 x 65 mm photovoltaic fuse links and fuse holders

Enhancing safety and efficiency in solar installations

Eaton's Bussmann® series of 22 x 65 mm fuse links and fuse holder represent a significant advancement in the protection and isolation of photovoltaic systems.



Efficient Protection

Eaton Bussmann® series fuse links are designed to safeguard PV systems from overcurrent conditions, which can lead to severe damage or even catastrophic failure. By effectively interrupting excessive currents, these fuse links prevent potential hazards, ensuring the longevity and optimal performance of solar installations.

Enhanced Isolation

Isolation is a critical aspect of PV system safety. The 22 x 65 mm fuse links offer superior isolation capabilities, which are essential for maintaining the integrity of the electrical circuits within PV strings. This isolation prevents the propagation of faults and minimizes the risk of electrical fires, thereby enhancing the overall safety of solar installations.

Reliability in Harsh Conditions

Solar energy systems are often exposed to harsh environmental conditions, including extreme temperatures, humidity, and UV radiation. Eaton's Bussmann® fuse links are built to withstand these challenges, offering reliable performance and protection even in the most demanding environments. Their robust construction ensures that they remain operational and effective throughout the lifespan of the PV system.

Compliance with Industry Standards

The Eaton Bussmann® series fuse links are designed to meet and exceed industry standards for PV system protection. These standards ensure that the fuse links provide consistent and reliable performance, offering peace of mind to installers and operators of solar energy systems. Compliance with these standards also facilitates easier integration and approval of PV installations.

Fuse links technical data

- Rated voltage: 1500 V d.c.
- Rated current: 32 A to 50 A
- Breaking capacity: 50 kA
- Operating class: gPV and UL PV

Fuse links standard/ approvals

- IEC 60269-6
- UL 248-19 (file number E335324)
- RoHS compliant

Fuse holder technical data

- Rated voltage: 1500 V d.c.
- Rated current: 80 A

Fuse holder standard

- IEC 60269-1
- UL 4248-19 (cULus Listed, File No: E348242)

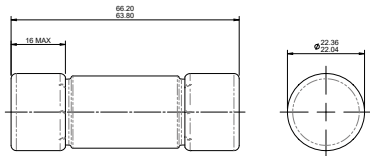
Technical data

Fuse link body size	Rated voltage	Rated current (Amps)	Breaking capacity (kA)	I ² t (A ² Sec)		Watts loss (W)		Catalog numbers	Compatible fuse holder
				Pre-arcing	Total at 1500 V ¹	0.7 I _n	I _n		
22 x 65 mm	1500 V d.c.	32	50	1650	3990	2.7	6.7	PV-32A22F65L	CHPV22-65
22 x 65 mm	1500 V d.c.	35	50	2900	7080	2.5	6.1	PV-35A22F65L	CHPV22-65
22 x 65 mm	1500 V d.c.	40	50	3450	8310	3.0	7.3	PV-40A22F65L	CHPV22-65
22 x 65 mm	1500 V d.c.	45	50	4600	11,100	3.4	8.3	PV-45A22F65L	CHPV22-65
22 x 65 mm	1500 V d.c.	50	50	6600	16,000	3.8	9.3	PV-50A22F65L	CHPV22-65

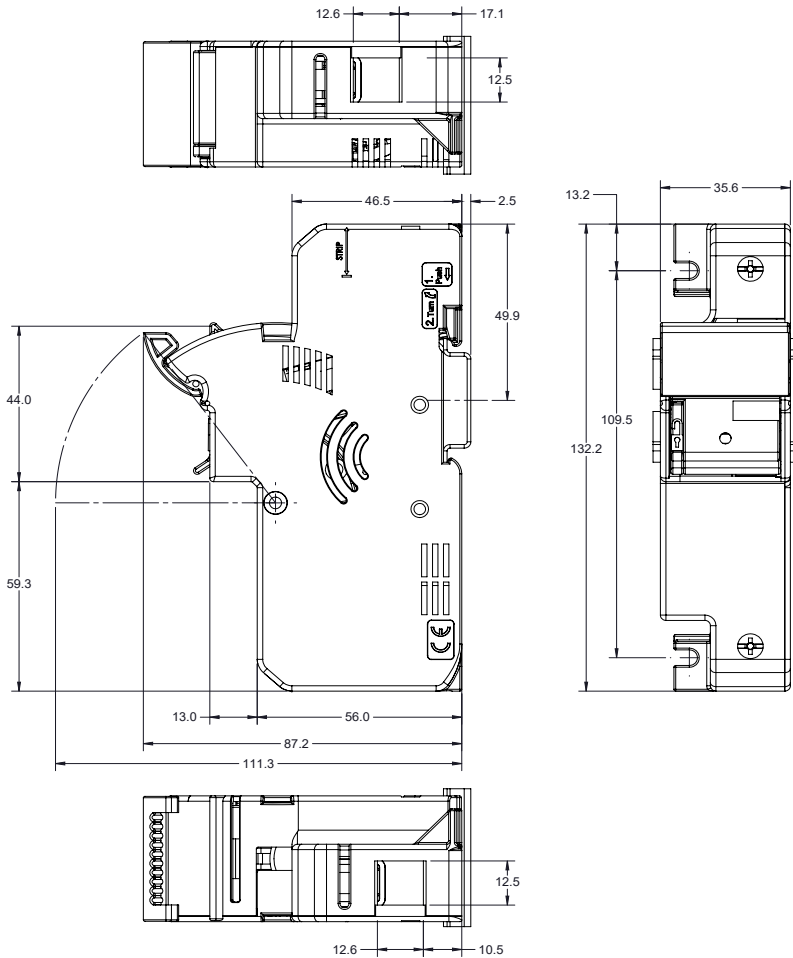
22 x 65 mm PV Fuse links TD135022EN

CHPV22-65 Fuse holders TD135024EN

Fuse links dimensions - mm



CHPV22-65 Fuse holder dimensions - mm



Eaton
EMEA Headquarters
Route de la Longeraie 7
1110 Morges, Switzerland

Eaton Electrical Products Limited
Unit 1, Hawker Business Park
Melton Road
Burton-on-the-Wolds
LE12 5TH
United Kingdom
www.eaton.com

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