

PV Protect 1000-125

Surge protective device for PV systems

Description

An outdoor rated, surge protection device for PSk solar pump systems. The PV Protect 1000-125 provides an enhanced level of protection from electrical surges from the PV generator typically caused by indirect lightning.

This product is installed between the PV generator and the pump controller.

Features

- Provides enhanced protection to the pump controller from incoming voltage surges
- Robust weather proof housing designed to make installation simple
- Tool required to open the housing
- Lockable for additional protection
- Correct grounding is required to make this device effective
- Designed to be used with LORENTZ PSk range of systems



photo may differ from actual product

Ordering and shipping information

- Item no: 19-000123
- Product name: PV Protect 1000-125
- Packed volume: 0.015 m³ (0.54 ft³)
- Packed weight: 2.2 kg (4.9 lbs)

Approvals and standards



Technical data / Specifications

Maximum voltage	1000 V DC	
Maximum current per string	125 A	
Maximum total current	125 A	
Input cables	10 - 35 mm ²	AWG 8 - 2
Output cables	10 - 35 mm ²	AWG 8 - 2
Ground cable	16 mm ²	AWG 6
PG glands (input)	2 x PG16	
PG glands (output)	2 x PG16	
Environmental protection	IP68	NEMA6
Housing material	Polycarbonate	

BERNT LORENTZ GmbH

Siebenstuecken 24, 24558 Henstedt-Ulzburg, Germany
Tel. +49 (0) 4193 8806 - 700, www.lorentz.de

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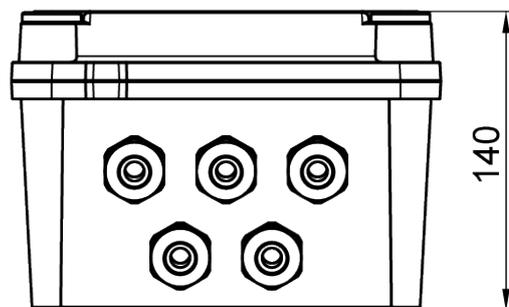
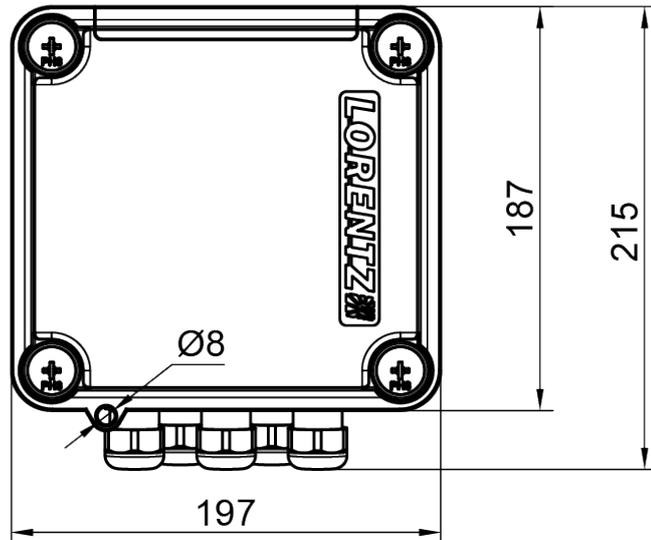
Mounting options

- Wall mount using 4 holes with weather protection
- Designed for optional pole mounting. Mounting points are pre-marked inside the housing.



Dimensions and weight

- See diagram for mm sizes
- Max height 215 mm (8.66")
- Max width 197 mm (7.8")
- depth 140 mm (5.5")
- Weight 1.7 kg (3.7 lbs)



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