

PV Disconnect 1000-40-5

Connection box with DC disconnect

Description

An outdoor rated, combining connection box with DC disconnect switch that allows up to 5 strings of PV modules to be connected safely to a solar pump system.

Features

- DC rated disconnect to provide safe isolation of the system
- Combining function, allows 5 strings to be connected to the solar pump system
- Robust weather proof housing designed to make installation simple
- Lockable to secure the system during maintenance (power locked off)
- For professional installation of pumping systems
- Internal touch protection with screws
- Designed to be used with the LORENTZ PSK range of systems

Ordering and shipping information

- Item no: 19-000121
- Product name: PV Disconnect 1000-40-5
- Packed volume: 0.015 m³ (0.54 ft³)
- Packed weight: 3.2 kg (7.1 lbs)

Approvals and standards

- Switch IEC 60947-3



BERNT LORENTZ GmbH

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

All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations.



photo may differ from actual product

Technical data / Specifications

Maximum voltage	1000 V DC	
Maximum current per string	40 A	
Maximum total current	40 A	
Number of strings.	5	
Input cables	4 - 10 mm ²	AWG 12 - 8
Output cables	4 - 16 mm ²	AWG 12 - 6
PG glands (input)	10 x M16	
PG glands (output)	2 x PG11	
Environmental protection	IP68	NEMA6
Housing material	Polycarbonate	

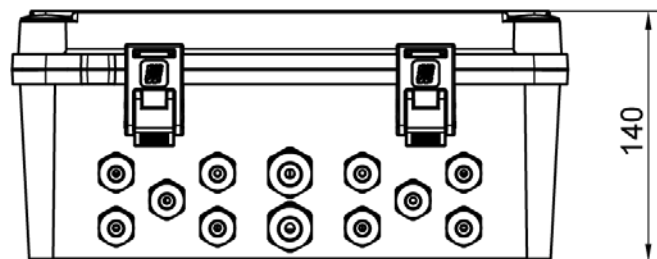
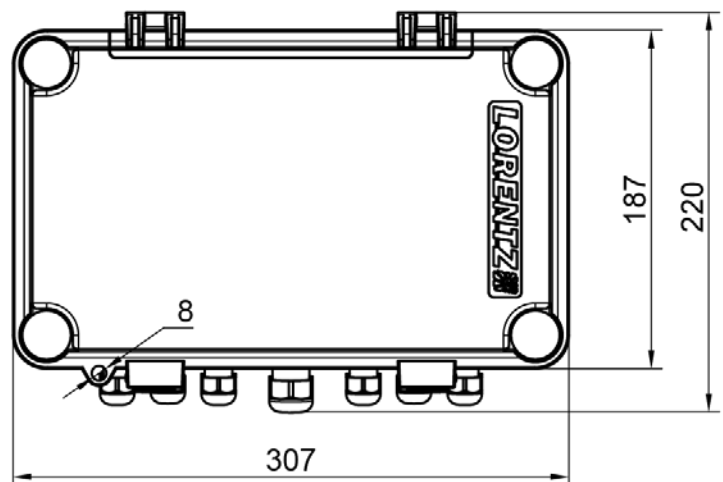
Mounting options

- 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 220 mm (8.66")
- Max width 307 mm (12.1")
- depth 140 mm (5.5")
- Weight 2.67 kg (5.9 lbs)



BERNT LORENTZ GmbH

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

Sun. Water. Life.

All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations.