

# S1 - PV Disconnect

## Pre-wired DC disconnect switch with MC4 connectors

### Description

The **S1 - PV Disconnect** is a PV connection box with an integrated DC disconnect switch for use with LORENTZ S1 pump range. The switch must be installed between the PV generator and the controller, it consists of MC4 connectors that allow a faster and safer installation.

### Features

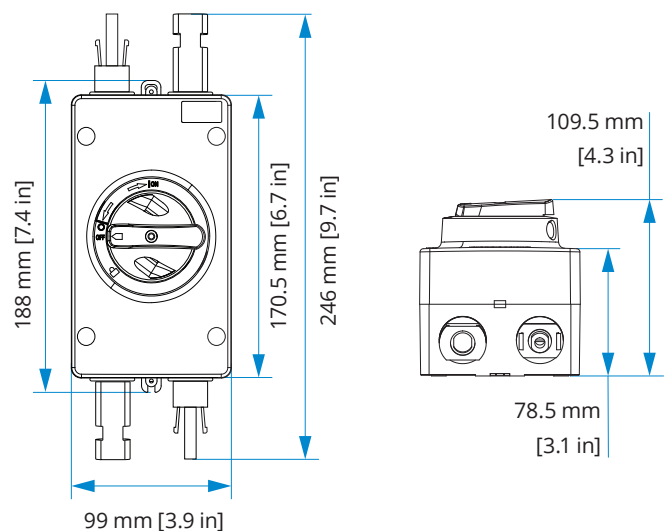
- DC rated disconnect to provide safe isolation of the system.
- MC4 factory pre-wired to prevent loose wiring or failed installation.
- Extension cable with MC4 connectors included for flexible installation.



### Technical data

Product name	S1 - PV Disconnect
Compatibility	S1 pump systems
Max. voltage	1000 V
Max. current	30 A at 50 °C [122 °F]
Protection degree	IP66 enclosure / IP20 switch body
Type of connectors	MC4
Operation temperature	- 40 °C to 85 °C [- 40 °F to 185 °F]
Overvoltage category	II
Pollution degree	3
Suitable environment	Indoor / Outdoor
Extension cable	Includes 50 cm [1.6 ft] cable length
Standards	IEC 60947-3 / AS 60947.3:2018

### Dimensional drawing



### Order and packaging information

Item number	19-005690
Product name	S1 PV Disconnect with Fixed MC4 Connectors and 0.5m Cable
Box content	1 x S1-PV Disconnect, 1 x 50 cm [1.6 ft] extension cable, 2 x mounting plates, 2 x mounting screws, 1 x manual
Packed gross weight	1 kg [2.2 lb]
Packaging dimensions [LxWxH]	245 x 100 x 115 mm [9.6 x 3.9 x 4.5 in]
Packed volume	0.003 m³ [0.099 ft³]

Find more about the  
**S1 - PV Disconnect**  
here

