

DC load break switches for Photovoltaic

DC load break switches to isolate the inverter

- High DC switching capacity 1000V DC / 25A
- Self-cleaning, vibration proof blade contacts
- Oxidation proof contacts
- Ultimate contact reliability
- Lockable handle
- High switching speed, independent on the operation speed of the handle
- Available with 4 poles, including bridges, or 8 poles
- Input from the top, output at the bottom
- Protection: IP40

PVS-LT-V 1000 V DC



DC load break switches for Photovoltaic

PVS-LT-8 1000 V DC



DC load break switches for Photovoltaic

Connection type

Dimensions (L x W x H) mm

Dimensions (L x W x H) mm with TS 35x7.5

Weight, g

TYPE

Type

Cat. no.

Type

Cat. no.

Technical data

Rated voltage V DC

Rated current, A

Separation of contacts, per pole, mm

Separation requirements met to V

Rated short-circuit current kA_{eff}

Maximum back-up fuse A

Rated impulse voltage, kV | Contamination

degreeOvervoltage category | Protection class

Temperature range:

Open use

Enclosed use

Storage

Connection data

Single wire (solid) / Stranded mm²

FlexibleFlexible (w/ferrules acc. to DIN 46 228/1) mm²

Torque, Nm | Screw

Circuit diagram

Type of contact

Screw connection

96 x 60 x 95

96 x 60 x 98.5

230

Qty.

PVS-LT-V 1000 V DC

17320.2

1

Screw connection

96 x 120 x 95

96 x 120 x 98.5

460

Qty.

PVS-LT-8 1000 V DC

17321.2

1

1000

25

8

1000

5

63

8 | 3

1-3 | IP 40

-40°C to +65°C

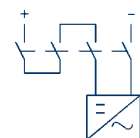
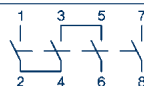
-40°C to +45°C

-40°C to +90°C

4-16

4-10

1.2-1.8 | Pz2 M 4



1000

25*

8

1000

5

63

8 | 3

1-3 | IP 40

-40°C to +65°C

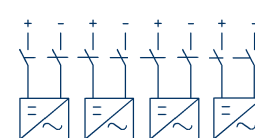
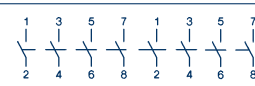
-40°C to +45°C

-40°C to +90°C

4-16

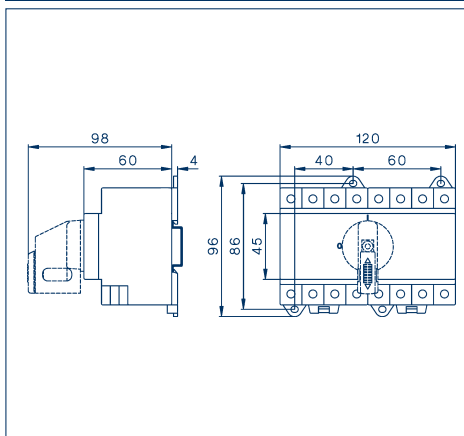
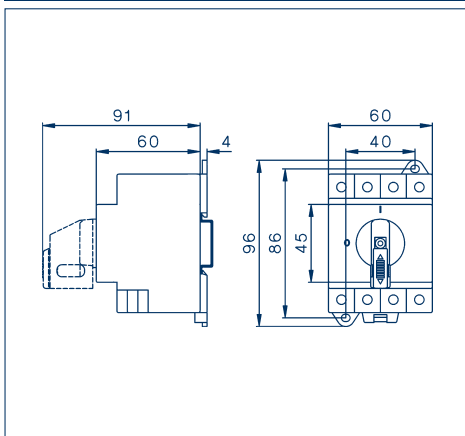
4-10

1.2-1.8 | Pz2 M 4



Example application

Dimension diagram



* switch dependent