



Spec Sheet: ZFV32

- Compact **non polarized** isolator **32A** rated up to **1500V DC**.
- **Fault-make load-break switch operation**, ideal for DC systems.
- DIN profile complete with direct mounted padlockable handle.
- Terminals rated to IP20.
- Oxidation proof contacts with up to 16mm² cable capacity.
- **Application:** PV array isolators.
- **Certification:** EN 60947.3, UL 508, File E332938.



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Dimensions & Ratings

<i>Free air thermal current (I_{th})</i>	32A
<i>Rated insulation pollution degree III (U_i)</i>	1000V
<i>Rated insulation pollution degree II (U_i)</i>	1500V
<i>Rated impulse withstand voltage (U_{imp})</i>	8kV
<i>Ambient temperature</i>	Enclosed -40 to +45

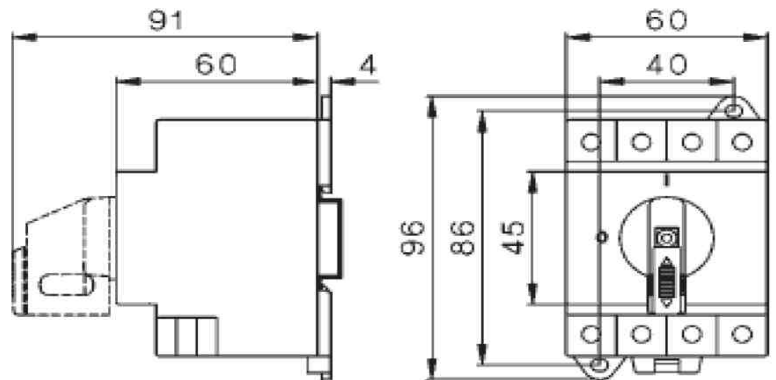
Rated Operational Current DC21B*

(according to IEC 60947.3 and VDE 0660) **4P in series** **2P in series**

at 600V DC	32A	32A
at 700V DC	32A	27A
at 800V DC	32A	23A
at 900V DC	32A	20A
at 1000V DC	32A	13A
at 1200V DC	32A	10A
at 1500V DC	23A	5A

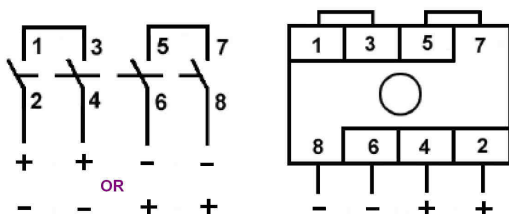
<i>Maximum Fuse (A)</i>	80
<i>Rated Conditional Short-cct Current</i>	5kA
<i>Rated Short-cct Making Capacity</i>	1.7kA
<i>Short Time Withstand (1sec)</i>	1kA
<i>Power Loss / pole</i>	4.0W
<i>Mechanical Endurance</i>	10,000
<i>Weight</i>	0.2kg
<i>Operating torque</i>	1.7Nm
<i>Connection torque</i>	1.2 – 1.8Nm
<i>Cable Size mm²</i>	4-16

*(time constant 1ms resistive load + moderate overload)



Connections

1 x String
(4P in series)



2 x Strings
(2 x 2P in series)

