

TECHNICAL DATASHEET

DC Switch Disconnecter for Photovoltaic - ISDC432



A DC Isolator specifically designed to increase safety, while saving installation time and protecting your solar system. The ISDC432 with robust and aesthetically appealing UV resistance enclosure is recommended for all solar installations

- 32 Amp DC-PV2 DC21B 1500V
- 4 Pole On-Off (1 or 2 String)
- UV rated Weather Shield Enclosure
- IP66 Protection
- Superior Aesthetic Design
- Laser Etched Face
- High Temperature Resistance
- Padlockable handle and enclosure
- Earth Terminals

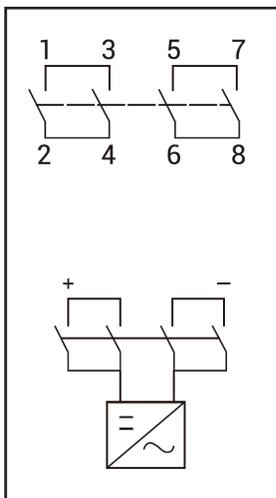
Specifications

Type	ISDC432
Max. rated voltage U_i	1500V
Max. rated current I_{the}	32A
Available in pole versions	4 Pole
Extremely short power shut off time	3 m/s
Standard	IEC60947-3, DC-PV2, DC-21B
Protection degree	IP66
Flammability	UL-94V0
Type of plastic	PC
Temperature range	-25°C - +85°C
Pollution degree	3
Suitable for isolation	Yes
Contact material	Copper plated silver with oxidation resistance
Padlockable handle	Yes
Dimensions (l x w x h)	180 x 98 x 115.5mm
Terminals	Rising clamp
Cable size	4-16mm ² with flexible or rigid
Terminal screw size	M4
Terminal screw torque	1.7 Nm
Jumpers supplied	4 pcs insulated copper links
Contact	Knife edge self cleaning
Torque required from operator	<2.5 Nm
Rated impulse withstand voltage	8kV
Contact switching time	<5m/s
Conduit entries	4*25mm threaded

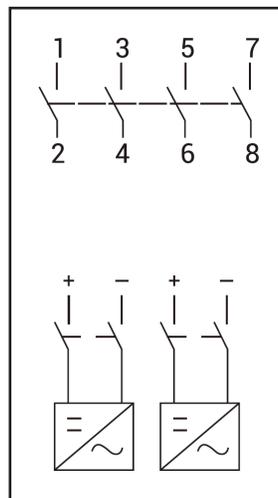
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ISDC432 Voltage	A2+2 * 2 Pole 1 String (poles in series)	A4 4 Pole 2 String (0 pole in series)	A4B * 2 Pole 1 String (3 pole in series)	A4O * 2 Pole 1 String (2 pole in series)
600VDC	32 Amp DC21B	32 Amp DC21B	32 Amp DC21B	32 Amp DC21B
1200VDC	13 Amp DC21B	13 Amp DC21B	32 Amp DC21B	32 Amp DC21B
1500VDC	6 Amp DC21B	5 Amp DC21B	23 Amp DC21B	23 Amp DC21B

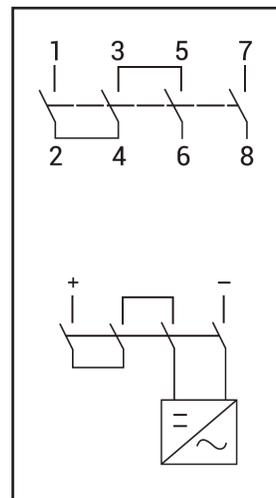
* Using bridging links provided



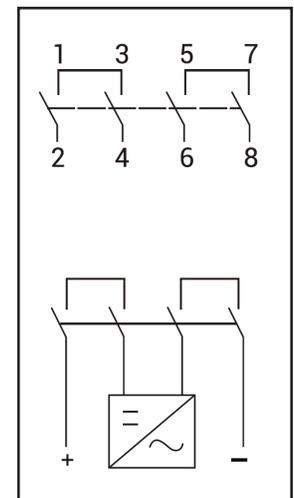
A2+2 *



A4



A4B *



A4O *