

ENCLOSED SWITCHGEAR

ENCLOSED DC SWITCH DISCONNECTORS 4 POLE // POLYCARBONATE ISDC324

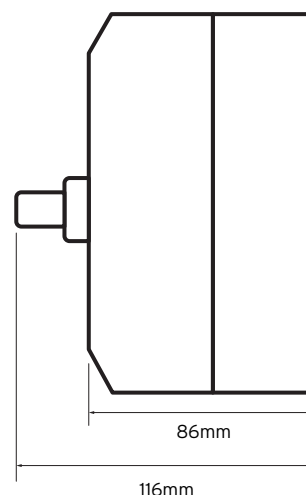
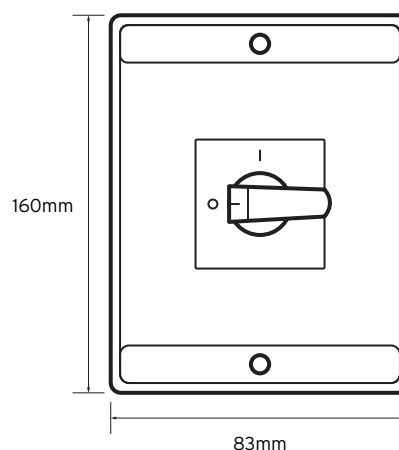


32A 4 pole switch disconnecter for use with DC voltage, rated at 1500V. TUV certification. Durable polycarbonate casing with M12 knockouts, suitable for MC4 connectors. Padlockable in the off position.

General Characteristics

Standards	EN60947-3
Number of Poles	4
Insulation Voltage	1500V DC
Rated current	32A DC-21B
Height of switch	160mm
Width of switch	83mm
Depth of Switch	86mm
Depth of Switch with handle	116mm
Connection type	Screw
Terminal Capacity flex/stranded	6mm ² / 10mm ²
Tightening torque	2 Nm
Ambient Temperature	50° C
Ingress protection	IP66 / 67

Technical Drawing



Ratings of ISDC324 series:

Rated operational voltage Ue (V)		600V DC	1200V DC	1500V DC
Rated operational current Ie (A)	Connect code: A2	32A	13A	5A
	Connect code: A2+2	32A	13A	6A
	Connect code: A4	32A	13A	5A
	Connect code: A4B	32A	32A	23A
	Connect code: A4O	32A	32A	23A
	Connect code: A4U	32A	32A	23A

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. The IP rating of the unit can be compromised if the correct use of glands is not followed. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

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Wiring Diagram

1kA, 1s (z=A2, A4);

1,7kA, 1s (z=A2+2, A4B, A4O, A4U)

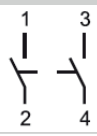
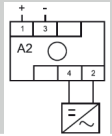
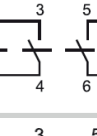
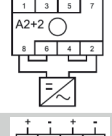
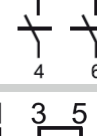
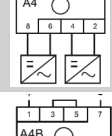
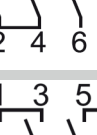
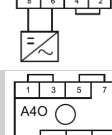
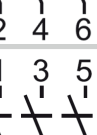
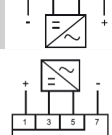

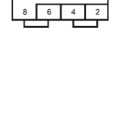
IP66 (PFL type); IP20

No polarity, "+" and "-" polarities could be interchanged.

Suitable for both indoor or outdoor use.

The operation temperature: -40°C to +85°C, the maximum ambient temperature is +70°C without deratings.

The respective wiring diagrams for the supply and load terminals see below:

Connection code	Circuit Type	Wiring Diagram	Load Diagram
A2	2 layers		
A2+2	4 layers, 2 poles in series		
A4	4 layers		
A4B	4 layers, 4 poles in series		
A4O	4 layers, 4 poles in series		
A4U	4 layers, 2 poles in series		

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