

CYD1

DC Disconnect Switch

Introduction

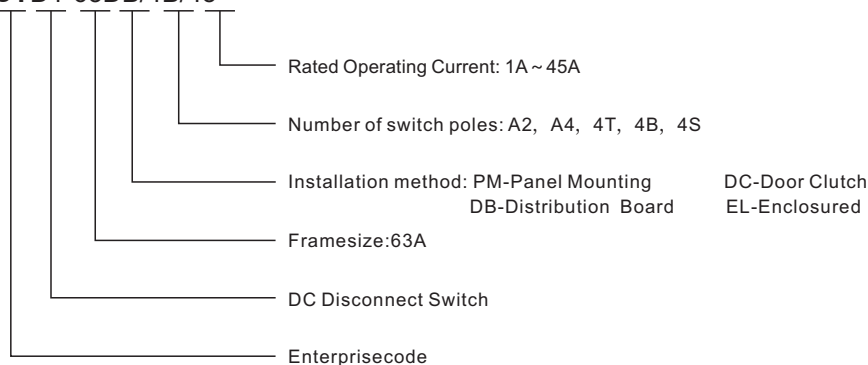
CYD1 series of DC disconnect switch is mainly applicable to the photo-voltaic power plant systems, rated voltage of up to DC1500V, and rated current of up to 45 A.

DC disconnect switch to cut off the arc generated by DC electricity, avoid dangerous accidents and ensure safe operations.



Name Represents

CYD1-63DB/4B/45



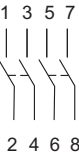
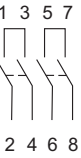
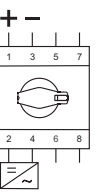
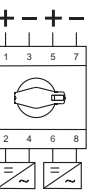
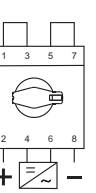
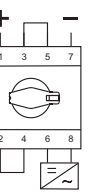
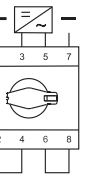
Technical Parameters

Rated Voltage	DC1500V
Rated Thermal Current	45A
Rated Impulse Withstand Voltage	8kV
Rated Short-Time Withstand Current	1000A/1s
Single wire or Standard wire (mm ²)	4~6
Mechanical Life	10000
Electrical Life	1000
Utilization category	DC21B, PV1, PV2
Number of Switch Poles	A2,A4,4T,4B,4S
Working Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
Pollution Degree	3
Overvoltage Category	II
IP Rating with Enclosure	IP66

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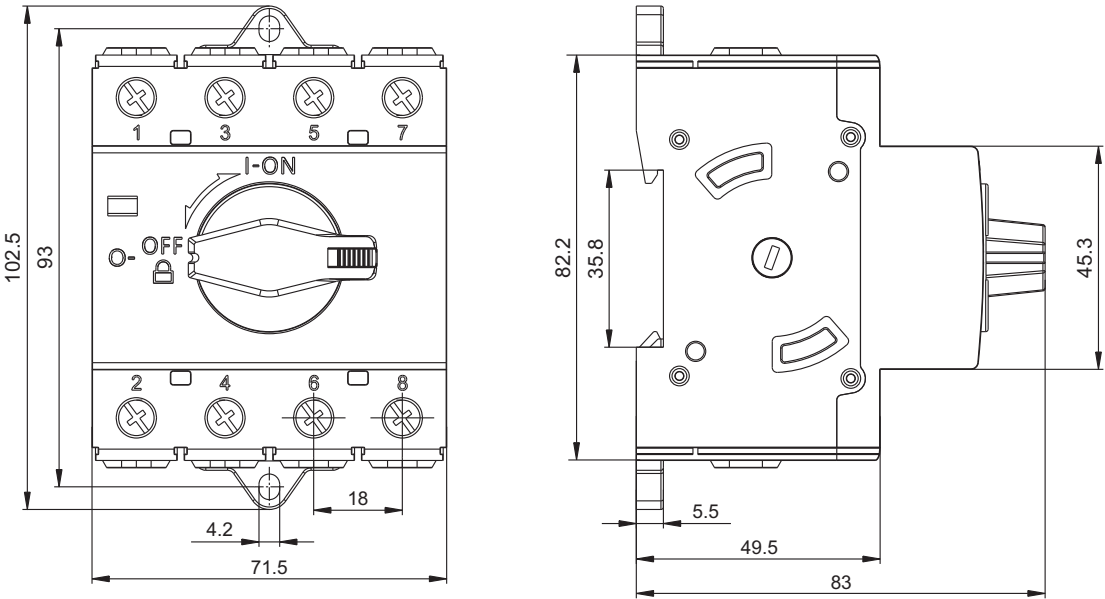
Product Wiring Diagram

Poles Type	A2	A4	4T	4B	4S
Wiring Schematic Diagram					
Wiring Example Diagram					

Switch Current Data

Switch Poles \ Rated Voltage	300VDC	600VDC	800VDC	1000VDC	1200VDC	1500VDC
A2	32A	32A	16A	9A	6A	2A
A4	32A	32A	16A	9A	6A	2A
4T	45A	45A	45A	45A	45A	25A
4B	45A	45A	45A	45A	45A	25A
4S	45A	45A	45A	45A	45A	25A

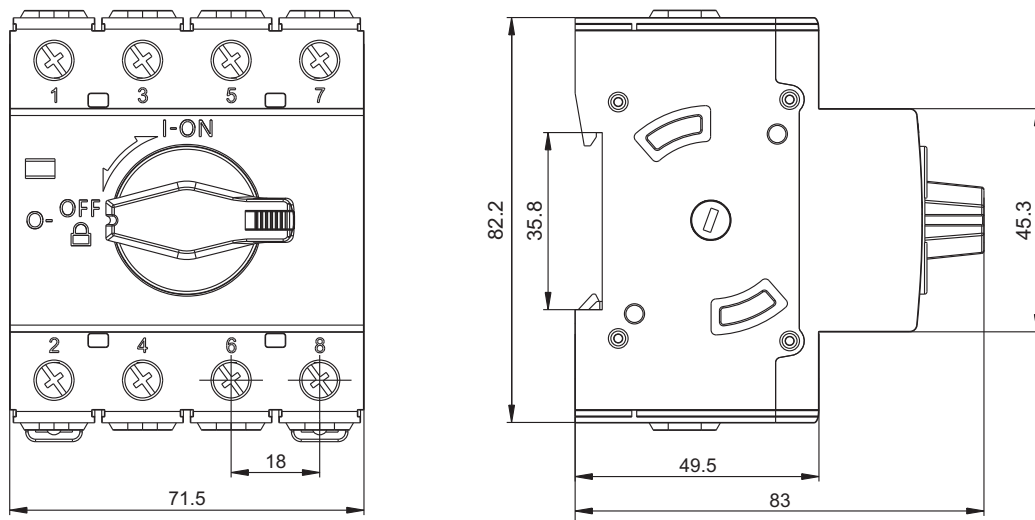
Product Dimension Drawing



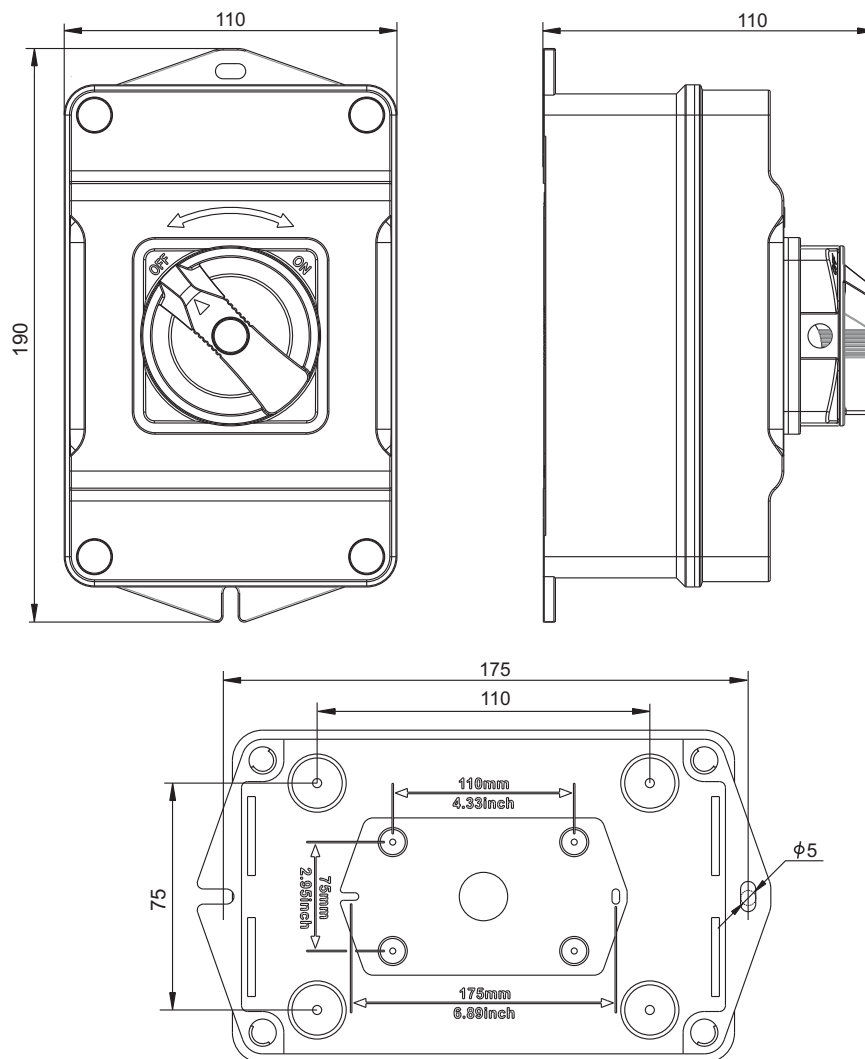
Panel Mounting switch

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Distribution Board switch



Enclosed switch