

Application:

Crouse-Hinds Solar Disconnect Enclosures are used as a disconnecting means prior to the inverter and rated for either 600 or 1000 VDC applications. Disconnect Enclosures range from 1 to 12 input circuits, with a wide range of disconnect sizes, configurations, and enclosure options for maximum customer flexibility.

Features:

- Rated for 600VDC or 1000VDC - continuous duty
- 1-12 input circuits
- 90°C output terminals
- Includes touch safe protective cover
- Configured for both positive and negative grounded arrays

Options:

- When selected, optional disconnect fuses installed
- NEMA 3R Painted Steel ‡
- NEMA 4X Fiberglass
- NEMA 4X Stainless Steel
- NEMA 4 Powder Coated Steel
- Factory drilled entrance holes
- Factory installed conduit fittings
- Factory installed breather drain and desiccant
- Smart boxes available (DC string monitoring) - consult factory
- Integral power supply, flex I/O, terminal blocks
- Integral Disconnects available in 100A, 250A, 400A and 600A
- Multiple disconnect options available - consult factory



Certifications and Compliances:

- cETLus 1741 Listed
- cETLus Listed to CSA Standard C22.2 No. 31 & No. 107.1
- NEMA 4X (fiberglass and stainless steel)
- NEMA 4 (powder coated steel)
- NEMA 3R (painted steel)

CATALOG NUMBERING SYSTEM

Use the table below to build a catalog number for a disconnect box configuration that matches your specific project requirement

BASE SOLAR DISCONNECT	NUMBER OF FUSES (OPTIONAL)	FUSE AMPERAGE (OPTIONAL)	DISCONNECTS	INTEGRAL DISCONNECT	SURGE PROTECTION	VOLTAGE	
CDBS	04		4	DS250		1000V	
Enclosure Type	Number of Input Circuit	Fuses	Fuse Amperage	Number of Disconnects	Rating for Integral Disconnect	Surge Protection	Voltage
CDBF (Fiberglass N4X) CDBS (Painted Steel N3R) CDBSS (Stainless Steel N4X) CDB4S (Powder Coated Steel N4)	01 (1 input circuit) 02 (2 input circuit) 03 (3 input circuit) 04 (4 input circuit) 05 (5 input circuit) 06 (6 input circuit) (Offered up to 12 circuits*)	1 (1 fuse) 2 (2 fuse) 3 (3 fuse) 4 (4 fuse) 5 (5 fuse) 6 (6 fuse) (Offered up to 12 fuses*)	BLANK (non-fused) F100 (100A fuse) F275 (250A fuse) F125 (125A fuse) F300 (300A fuse) F150 (150A fuse) F325 (300A fuse) F175 (175A fuse) F350 (350A fuse) F200 (200A fuse) F375 (350A fuse) F225 (250A fuse) F400 (400A fuse) F250 (250A fuse) (Offered up to 400A fuses*)	BLANK (1 disconnect switch) 2 (2 disconnects switches) 3 (3 disconnects switches) 4 (4 disconnects switches) (Up to 12 disconnects allowed)	DS (Disconnect switch for use with 1 - 12* input circuits) DS100 (100A) DS250 (250A) DS400 (400A) DS600 (600A)	SP (Surge protection) BLANK (No surge protection)	1000V (1000V) BLANK (600V)

*For additional disconnect sizes and fuse requirements in the same enclosure, repeat number of fuses through integral disconnect selection steps.