

Isolating DC Circuits Has Never Been Easier or Safer

The Cooper Bussmann® Quik-Spec™ Solar DC Safety Switch Provides the Extra Measure of Protection

- **Flexibility of Application**

Available in single-pole fused and non-fused versions, this 600Vdc safety switch is available up to 200A with NEMA 3R, 12 and 4X enclosures, making it easy to apply in solar power applications. Isolated ground terminals (neutral) for grounded conductors and ground lug for equipment grounding conductor included.

- **Enhanced Finger-Safe Design**

Large, clear polycarbonate deadfront is standard on all models, greatly reducing the possibility of accidental contact with live parts. It permits positive visual identification of switch state.

- **Meets UL and NEC® Requirements**

With multiple poles prewired from the factory with jumpers, these switches are listed to UL 98 and UL 50 standards. Marked as suitable for NEC® Article 690 PV applications up to 600Vdc per UL 1741 requirements. NEC® 690.14.(C) 2 required "PV System Disconnect" label included.

- **Flange Handle Operation**

Always in contact with the switch mechanism, the flange operated switch is preferred in most industries. Lockout/tagout provision accepts up to three padlocks to increase protection of workers.

- **Fast-Acting Fuses Remove Faults Faster**

On fused versions, install Cooper Bussmann® Solar Series PVS-R Photovoltaic Class RK5 fuses* for quicker fault clearing on PV systems.

* Order fuses separately.



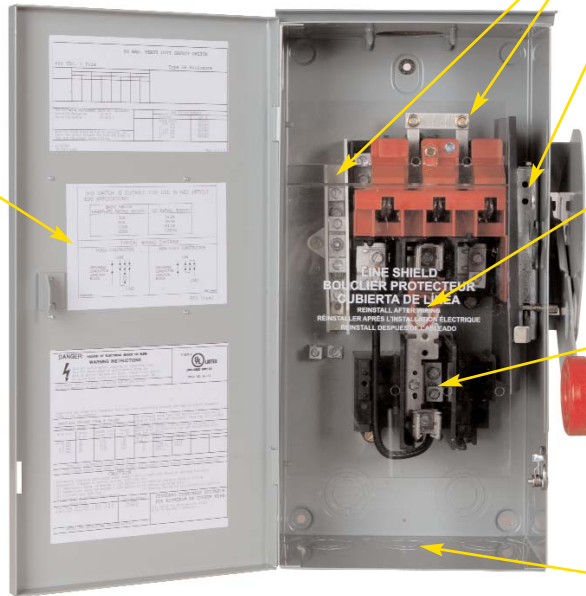
NEMA 3R, 12 & 4X Enclosures with NEC® 690.17 Compliant Labels

Warns that the switch terminals may be energized when switch is in the open position.



High Visibility Padlockable Handle

Easy to operate with gloves and accepts up to three padlocks.



Factory Installed Jumpers and Neutral
Make installation easier.

Door Interlock
Prevents opening door while energized, but can be manually overridden for testing or inspection.

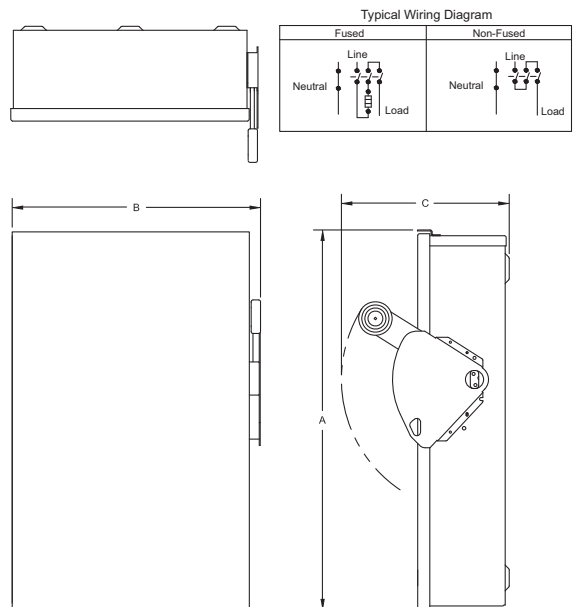
Clear Polycarbonate Deadfront
Covers energized parts to provide added protection against electrical hazards.

Fused Version For Added Protection
Fuse clips located on switch center pole to ensure both clips are de-energized in OFF position. Meets NEC® 690.16 that requires isolating the fuse from all potential supply sources.

Conduit Knockouts
For easy installation.

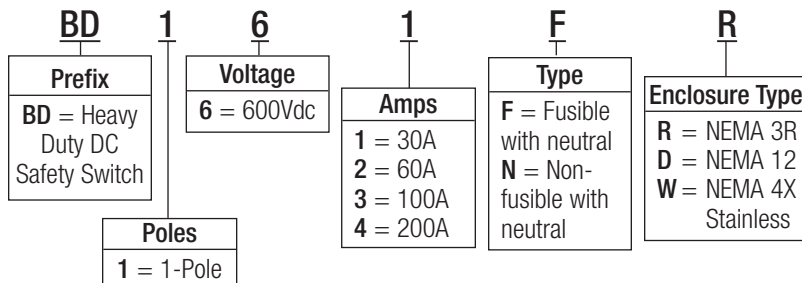
Dimensions - in

Amps	A	B	C	Main Lug Capacity	Neutral Lug Capacity	I _{SC}
NEMA Type 3R						
30	16.35	8.87	9.89	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	19.2
60	16.35	8.87	9.89	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	38.4
100	22.15	11.84	9.89	1/0 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	64.0
200	28.27	16.66	11.26	250kcmil - 6 AWG Al/Cu	2 AWG - 14 AWG Al/Cu	128.0
NEMA Type 12 & 4X						
Non-fusible 30	14.14	8.76	10.22	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	19.2
Non-fusible 60	14.14	8.76	10.22	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	38.4
Fusible 30	19.08	8.76	10.22	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	19.2
Fusible 60	19.08	8.76	10.22	2 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	38.4
100	24.95	11.79	10.22	1/0 AWG - 14 AWG Al/Cu	4 AWG - 14 AWG Al/Cu	64.0
200	35.38	16.95	11.63	250kcmil - 6 AWG Al/Cu	2 AWG - 14 AWG Al/Cu	128.0



DC Safety Switch Catalog Numbering System

Use this build-a-code to specify the exact Quik-Spec DC Safety Switch you need.



Install Cooper Bussmann® Solar Series Fast-Acting Fuses

Sold separately, PVS-R photovoltaic Class RK5 fuses are available in many ratings to closely match the load you need to protect. The following ratings will fit this DC safety switch. All are rated to 600Vdc with interrupting ratings starting at 10kA.

20, 25, 30, 35, 40, 50, 60, 70, 80, 90, 100, 125, 150, 175, 200 Amps.

