

Hubbell's Circuit-Lock® Fused Disconnect Switches and Mechanical Interlocks



Improved Short Circuit Current Ratings (SCCR):

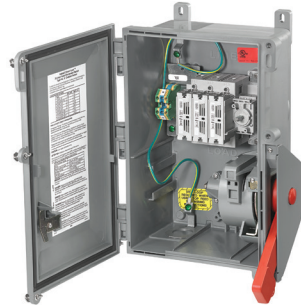
Short Circuit Withstand Rating Suitable for use on a circuit capable of delivering not more than 200,000 RMS symmetrical amperes at the voltage rating of receptacle when protected by Class "J" fuses.

Hubbell is now manufacturing UL98 and UL508 fused disconnects with a new switch which is able to withstand increased SCCR situations. All new shipments will include product with the improved ratings of:

Suitable for use on a circuit capable of delivering not more than 200,000 RMS symmetrical amperes at the voltage rating of receptacle when protected by Class "J" fuses.

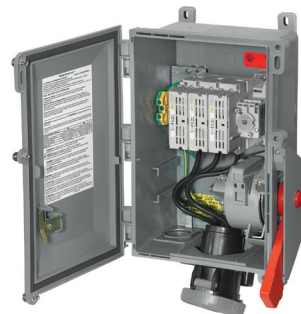
Short-Circuit Current Ratings (SCCRs) have become an increased concern in the market as users comply with the Arc Flash and PPE re-evaluations of the 2012 Edition of NFPA 70E, Electrical Safety in the Workplace.

Fused Disconnect Switches



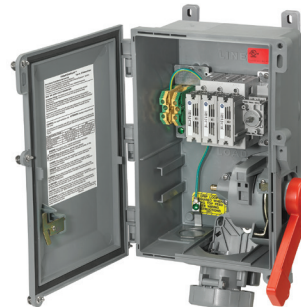
30 Amps	60 Amps
FDS30	FDS60

IEC Mechanical Interlocks



30 Amps	60 Amps
HBL430MIF12W	HBL460MIF12W
HBL430MIF9W	HBL460MIF9W
HBL430MIF7W	HBL460MIF7W
HBL430MIF5W	HBL460MIF5W
HBL530MIF7W	HBL560MIF9W
HBL530MIF5W	

Insulgrip® Mechanical Interlocks



30 Amps	60 Amps
HBL430MIFS2W (Fused)	HBL460MIFS2W (Fused)
HBL430MIS2W (Unfused)	HBL460MIS2W (Unfused)

Updating Existing Installations

Identifying the Product: For existing installations product with the improved rating can be identified either by:

- The color of the switch which is gray and **not** black.
- The ratings noted on the product label.

Auxiliary Contacts: Auxiliary contacts are specific to the style switches and are not interchangeable.

- Auxiliary contacts for new installations or existing installations having the gray switch are the **HBLACFSNO** (normally open) and **HBLACFSNC** (normally closed).
- Auxiliary contacts for existing installations having the black switch are the **ACFSNO** (normally open) and **ACFSNC** (normally closed).

Replacement Switches:

- **30A** - For replacement of a black style switch order the **30MIFRS**.
- **30A** - For replacement of a gray style switch order the **HBL30MIFRS**.
- **60A** - For all 60A replacements (black and gray) order the **HBL60MIFRS**.

Gray Style Switch



HBLACFSNO



HBL30MIFRS

Black Style Switch



ACFSNO



30MIFRS

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Non-Metallic Disconnect Switches



30 Amps		60 Amps
HBLDS3	HBLDS3ACB	HBLDS6
HBLDS3NK	HBLDS3ACNK	HBLDS6AC
HBLDS3VFD	HBLDS3MQ5	HBLDS6VFD
HBLDS3RS	HBLDS3MQ5BK	
HBLDS3AC	HBLDS3MQR	100 Amps
HBLDS3AC2	HBLDS3MQR2	HBLDS10
HBLDS3AC2B		HBLDS10AC
		HBLDS10VFD
		HBLDS60100RS

Stainless Steel Disconnect Switches



30 Amps	60 Amps
HBLDS3SS	HBLDS6SS
HBLDS3SSAC	HBLDS6SSAC
HBLDS3SSMQ5	HBLDS6SSVFD
HBLDS3SSMQR	
HBLDS3SSMQR2	100 Amps
HBLDS3SSVFD	HBLDS10SS
	HBLDS10SSAC
	HBLDS10SSVFD
	HBLDS60100RS

Mechanical Interlocks



20 Amps	30 Amps	
HBL420MI12W	HBL330MI4W	HBL430MI5W
HBL420MI9W	HBL330MI6W	HBL430MI5WR
HBL420MI7W	HBL330MI7W	HBL530MI9W
HBL420MI5W	HBL430MI12W	HBL530MI7W
	HBL430MI9W	HBL530MI5W
	HBL430MI9WR	HBL432MI3W
	HBL430MI7W	HBL30MIRS
	HBL430MI7WR	

Based on the changing market requirements, Hubbell resubmitted our existing disconnect switches (noted below) for UL testing to determine their ability to pass increased SCCR situations. **UL determined that our existing offering of disconnect switches actually were capable of an increased SCCR ratings of 65kA when protected by Class "J" fuses** (of specific amperage rating for a given model disconnect switch). With no design changes to our disconnect switches, UL updated our UL file to reflect our new and improved SCCR.

Improved Short Circuit Current Ratings (SCCR)

- 30/60/100A:** Suitable for use on a circuit capable of delivering not more than 10kA RMS symmetrical, 600V AC max.
- 30A:** Suitable for use on a circuit capable of delivering not more than **65kA** RMS symmetrical, 600V AC max. when protected by Class "J" fuses rated 30A max.
- 60/100A:** Suitable for use on a circuit capable of delivering not more than **65kA** RMS symmetrical, 600V AC max. when protected by Class "J" fuses rated 100A max.