Improved Short Circuit Current Ratings (SCCR)

HUBBELL® Wiring Device-Kellems

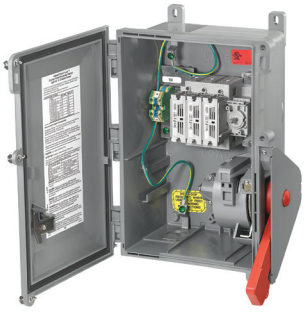
Hubbell's Circuit-Lock® Fused Disconnect Switches and Mechanical Interlocks

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) **HBL430MIS2W** (Unfused)	**HBL460MIFS2W** (Fused) **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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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.

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.

Non-Metallic Disconnect Switches

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

Stainless Steel Disconnect Switches

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

Mechanical Interlocks

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

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.

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