

# Series L11 Disconnect Switches

## 30A to 1200A



### Big performance in a small package

L11 disconnects are rated up to 1200A and can be operated at up to 600V. They protect motors up to 500HP (@480V). The L11 may be installed on circuits capable of delivering up to 200,000A of short circuit fault current levels typically found in modern industrial facilities.

The L11 30A & 60A fusible switches incorporate removable fuse carriers with an optional neon blown fuse indicator carrier. This range of switches and handles also features a Test mode for circuit testing via D7 contact blocks. The 30A and 60A switches can be conveniently DIN-rail mounted or screw mount.



The L11 disconnect series ranges from 30A through 1200A. The L11 Fusible switches are available from 30A up to 800A. The L11 Non-Fusible switches are available from 30A up to 1200A. Optional auxiliary contacts can also be mounted on the switch for control circuit use. The L11 family performance comes in a compact design, leaving room for additional branch circuit components within the panel.

### Maximum protection for downstream equipment

L11 switches are UL98 approved as a branch circuit protection device and engineered to provide excellent short-circuit protection for downstream equipment up to 200kA. The L11 fusible switches accept the latest small dimension Class CC, J, L and HRCII fuses.

Type 2 protection limits let-through currents to levels specified for IEC equipment, and ensures that when the short circuit is cleared, the device will be operable.

### Meets the toughest safety standards

The smaller L11 models offer a modular universal internal handle which provides an interlocked handle for test mode use and UL508A and NFPA 79 compliance in North America. The L11 switches meet IP20 for finger-safe wiring terminals and IP30 for touch-safe fuse carriers.

### International standards and approvals

All Sprecher + Schuh L11 disconnect switches are UL Listed under File Number E47426, CSA, CE Marked and are designed to meet IEC 947-3, and applicable NEMA requirements.

### Versatile Range of Accessories

All L11 Disconnects include a wide range of interchangeable accessories, reducing inventory and increasing flexibility.

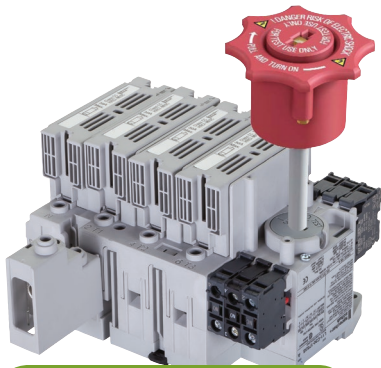


# Series L11 Disconnect Switches to 1200 Amps

Sprecher + Schuh's L11 series of fused and non-fused disconnect switches comply with service entrance requirements. This family of rod operated switches is suitable for applications that require small panel space and superior short circuit protection.

## Choose L11 When the Application Requires

- UL 98 main panel disconnecting means
- UL 98 service entrance disconnecting means
- UL 508 at-motor disconnecting means
- NEMA KS-1 rated disconnecting means but in a smaller, more modular design than traditional NEMA disconnects
- IEC 60947-3 switch disconnecter



L11-C30 with NFPA 79 Handle and D7 Auxiliary Contacts



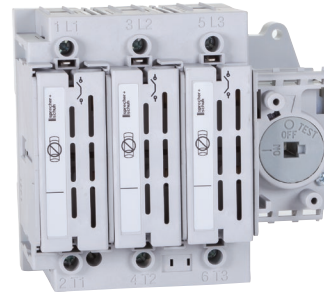
L11-J100-1753

## Double Knifeblade Contact Design

- Provides reliability, isolation, and welded contact recovery
- Silver-plated contacts to optimize current conduction

## Comprehensive Accessories & Approvals

- Complete range of handles and operating shafts
- Conform to UL 98 standards
- UL Listed, CSA



L11-N30-1753



L11-NU400-1753 with Lug Kits

## Fusible - 30 to 800 Amps

### NFPA 79 Compliant

L11 30A...800A Fusible switches are NFPA79 compliant, which meets the guidelines under the NFPA 79 standards 5.3.3.1 and 6.2.3.1.2.

### NFPA 79 Internal Handle

- Provides a means to operate the disconnect switch without the use of accessory tools or devices (independent of door position)
- Patented interlock requires deliberate action to operate switch (while enclosure door is open)
- NFPA 79 and UL 508A compliant
- Integrated handle with tube shaft guard is compact and easily installed

### Modular Accessories

- Removable fuse carriers provide dead-front switch during fuse change out
- IP20 finger safe wiring terminals
- Snap on D7 Contacts
- Modular global fuse carriers for Class J, Class L, HRCI-J and HRCII-C

## Non-Fusible - 30 to 1200 Amps

### NFPA 79 Compliant

L11 30A and 60A Non-Fusible switches offer all the same NFPA 79 Compliance and Handle options as their Fusible counterparts.

### Convenient Auxiliary Control

- L11 30A and 60 amp units use snap on D7 auxiliary contacts
- L11 100 to 1200 amp units use Micro snap on auxiliary contacts

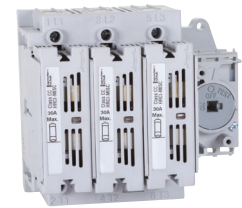
### Complete Compatibility

- Non-Fused switches share most of the same accessories, handles, lugs, terminals, and locking mechanisms as the Fusible, making inventory control simple and easy.
- Both Fusible and Non-Fusible disconnects are available in several types of enclosures

# UL98 Service Entrance Disconnect Switches

Amp Rating (A)	Maximum Horsepower							No. of Poles	Catalog Number
	1 Ø (60Hz)		Three Phase (60Hz)			DC			
	120V	240V	240V	480V	600V	125V	250V		
<b>UL Class CC and CSA HRCI-Misc Fuses</b>									
30	2	3	7.5	15	20	3	5	3⊕	L11-C30-1753
<b>UL Class J and CSA HRCI-J Fuses</b>									
30	2	3	7.5	15	20	3	5	3⊕	L11-J30-1753
60	3	10	15	30	50	5	10	3⊕	L11-J60-1753
100	7.5	15	30	60	75	7.5	20	3	L11-J100-1753
200	~	25	60	125	150	15	40	3	L11-J200-1753
400	~	50	125	250	350	20	50	3	L11-J400-1753
600	~	~	200	400	500	~	~	3	L11-J600-1753
<b>UL Class L and CSA HRCII-L Fuses</b>									
800	~	~	200	500	500	~	~	3	L11-L800-1753
<b>CSA HRCII-C Fuses</b>									
30	2	3	7.5	15	20	3	5	3⊕	L11-H30-1753
60	3	10	15	30	50	5	10	3⊕	L11-H60-1753
<b>UL and CSA Non-Fused</b>									
30	2	3	7.5	15	20	3	5	3	L11-N30-1753
60	3	10	15	30	40	5	10	3	L11-N60-1753
100	7.5	15	30	75	100	10	15	3	L11-NU100-1753
200	~	50	75	150	200	15	15	3	L11-NU200-1753
400	~	~	125	250	350	20	50	3	L11-NU400-1753
600	~	~	200	400	350	20	50	3	L11-NU600-1753
800	~	~	200	500	500	~	~	3	L11-NU800-1753
1200	~	~	200	500	500	~	~	3	L11-NU1200-1753

⊕ Optional 4th Pole module accessory available



L11\_30...60



L11-J100...L800



L11-NU100...NU1200

L11 Disconnect Features	Fusible Disconnect Switches				Non-Fusible Disconnect Switches			
	L11-C30, J30, J60	L11-J100, J200, J400	L11-J600	L11-L800	L11-N30, N60	L11-NU100, NU200, NU400	L11-NU600, NU800, NU1000	L11-NU1200
Fuse Type Class	CC or J	J	J	L				
Blown Fuse Indication ❶	✓	~	~	~				
DIN-Rail Mountable	✓	~	~	~	✓	~	~	~
Multi-Tap Terminal Lug ❷	✓	~	~	~	✓	~	~	~
4th Power Pole Module Adder ❷	✓	~	~	~	✓	~	~	~
NFPA79 Compliant Handle Kits ❷	✓	✓	✓	✓	✓	~	~	~
Auxiliary Contacts, D7 Pilot Device type ❷	✓	✓	✓	✓	✓	~	~	~
Auxiliary Contacts, Micro Type ❷	~	~	~	~	~	✓	✓	✓
Total Amount of Aux Contacts ❷	6	8	8	8	6	2	2	2
Padlockable at Switch	✓ ❷	✓	✓	✓	✓ ❷	~	~	~
Enclosed Switches: Steel, Stainless Steel & Non-Metallic	✓	✓	Ⓢ	Ⓢ	✓	✓	Ⓢ	Ⓢ

❶ Optional Switch Selection

❷ Accessory Item

Ⓢ Refer to Factory

**Type 3/4/12**  
Watertight, Dusttight  
Sheetmetal Enclosure



**Type 4/4X**  
Watertight, Corrosion-Resistant  
Stainless Steel Enclosure



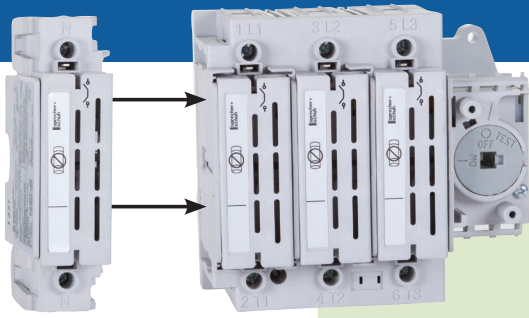
**Type 4/4X**  
Watertight, Corrosion-Resistant  
Non-metallic Enclosure



## UL Enclosed L11 Motor Disconnect Switches (Fused and Non-Fused)

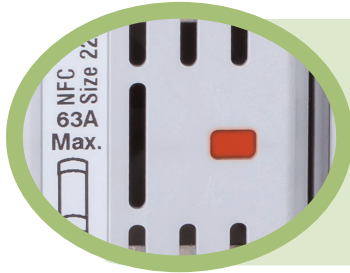
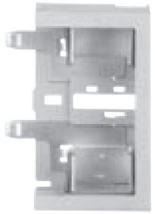
See current catalog for complete details and specifications

# Accessories



## Fully Rated Fusible 4-Pole Module

- Provides flexibility in expanding power control capabilities
- Easy, snap-on field installation converts 3-pole switch to a 4-pole switch in seconds for a lower inventory cost (30/60A)



## Fuse Carriers

- Exclusive blown fuse light indication accessory (30/60A)
- Removable fuse carriers for easy fuse installation and replacement
- Fuse carriers lock in when switch is ON
- Dead front for safety when fuse carrier is removed



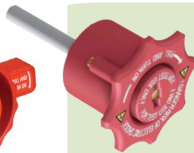
## Auxiliary Contact Blocks

Convenient use of D7 pilot device contact blocks for 30 to 800A fusible units. Micro-switch NOEB/NC auxiliary contact for 100 to 1200A non-fused units.



## Type 4/4X Switch Handles

Rugged pistol grip switch handles offered in defeatable or non-defeatable functions. Available with Test Mode position for circuit testing (30/60A). All OSHA lockout/tagout compliant.



## NFPA 79 Handle Kit

Includes NFPA 79 red handle mechanism, operating shaft, and tube shaft guard for option of switching during maintenance and testing.



## Operating Shaft

Handle operating shaft lengths from 12" (305mm) to 22" (560mm)



## Multi-tap Terminal Lug

Eliminates cost for a separate distribution block in panel (30/60A)



## Many Other Accessories

Protective covers, terminal lugs and shrouds, locking attachments, and more.