

Fusible 30–800A



Fusible 30–800A

Product Description

R9 Series (UL 98 listed) Fusible 30–800A manual operated multi-pole fusible disconnect switches use double break contacts per pole that ensure complete isolation of the fuse when the switch is in the OFF position.

When installed with fuses, they provide protection for low voltage electrical installations against short circuit and overload.

Features, Benefits and Functions

- Load break functionality
- Double break contacts
- Up to 200 kA short-circuit rating with Class CC, J or L fuses
- Compact footprints
- The optional TEST position function (up to 400A) enables testing of the control circuit auxiliaries without switching the main contacts. This function provides a simple alternative to a separately wired pushbutton
- Defeatable pistol handles automatically re-latch when the panel door is closed
- Front or side operation
- Flange operation
- NFPA 79 compliant kits
- Two-, three- and four-pole devices

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Standards and Certifications

- UL 98, File E222859 for 30 to 800A ratings
- UL 489, File E305341 for H-Frame switches
- CSA® 22.2 No. 4, File 217736
- CSA 22.2 No. 5, File 217736, H-Frame only
- IEC 60947-1, EN 60947-1
- IEC 60947-3, EN 60947-3
- NFPA 79



Product Identification

R9 Fusible 30A/CC and 30A/J H-Frame—Direct and External Operation



- ① External front handles
- ② Direct handle
- ③ Shaft extensions for external handles
- ④ Configurable U Type ACs, for pre-break and signaling or TEST

R9 Fusible 30A/J-800A/L (I-N-Frames)—Direct and External Operation



- ① External front handles
- ② External right side handle (not applicable for N-Frame 600/800A)
- ③ Direct handle
- ④ Shaft extensions for external handles
- ⑤ Configurable U Type ACs, for pre-break and signaling or TEST
- ⑥ Side auxiliary contacts
- ⑦ Terminal shrouds

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Rotary Disconnects

R9 Series (UL 98)

Product Selection

Direct Operation



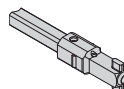
Switch body + Direct handle

External Operation



Switch body + Shaft + External handle

Front and Right Side Operation



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Ampere Rating (Frame) (Fuse Class)	Number of Poles	Switch Body Only	Direct Handle	External Selector Handle (Choose one)	Shaft Extension for Selector Handle Only (Choose one)	External Front Pistol Handle	External Right Side Pistol Handle
30 ① Compact (H-Frame) (CC)	3	R4H3030FCC	DHR9HC	Black 1,3R,12 SHB0N12HV	7.90 (200.0) SF200SH5X5H	Black 1,3R,12 PHB1N12F	—
30 ① (H-Frame) (CC)	3 + switched neutral	R4H3030FCCSN		Red 1,3R,12 SHR0N12HV	12.60 (320.0) SF320SH5X5H	Red 1,3R,12 PHR1N12F	
30 ① Compact (H-Frame) (J)	3	R4H3030FJ	DHR9HJ	Black 4,4X SHB0N4XHV	15.70 (400.0) SF400SH5X5H	Black 4,4X PHB1N4XF	
30 ① (H-Frame) (J)	3 + switched neutral	R4H3030FJSN		Red 4,4X SHR0N4XHV		Red 4,4X PHR1N4XF	
30 (I-Frame) (CC)	3	R9I3030FCC	DHR9J2M	—	—		
	4	R9I4030FCC					
30 (J-Frame) (J)	2	R9J2030FJ				Black 4,4X (w/ TEST Position) PHB1N4XFT	Black 4, 4X PHB1N4XS
	3	R9J3030FJ					
	4	R9J4030FJ					
60 ① (J-Frame) (J)	2	R9J2060FJ				Red 4,4X (w/ TEST Position) PHR1N4XFT	Red 4, 4X PHR1N4XS
	3	R9J3060FJ					
	4	R9J4060FJ					

Note

① 100 kA short-circuit rating.

Front and Right Side Operation, continued



Ampere Rating (Frame) (Fuse Class)	Number of Poles	Switch Body Only	Shaft Extensions for Pistol Handle Only In (mm) (Choose one)	NFPA 79 Kit	Auxiliary Contacts (Choose one)	S Type Auxiliary Contacts (Choose one)	Terminal Shrouds
30 Compact (H-Frame) (CC)	3	R4H3030FCC	7.90 (200.0) SF200PH5X5	NFPA79H	1 AC NO AC1NOR9	—	Integral to switch
30 (H-Frame) (CC)	3 + switched neutral	R4H3030FCCSN	12.60 (320.0) SF320PH5X5		1 AC NC AC1NCR		
30 Compact (H-Frame) (J)	3	R4H3030FJ	15.70 (400.0) SF400PH5X5				
30 (H-Frame) (J)	3 + switched neutral	R4H3030FJSN					
30 (I-Frame) (CC)	3	R9I3030FCC	7.90 (200.0) SF200PH10X10	NFPA79JKL		1 AC NO + NC AC1N01NCJ2N	
	4	R9I4030FCC					
30 (J-Frame) (J)	2	R9J2030FJ	12.60 (320.0) SF320PH10X10			2 AC NO + NC AC2N02NCJ2N	
	3	R9J3030FJ	15.70 (400.0) SF400PH10X10				
	4	R9J4030FJ					
60 ① (J-Frame) (J)	2	R9J2060FJ	19.70 (500.0) SF500PH10X10			1 AC NO + NC w/ TEST AC1N01NCJ2NT	
	3	R9J3060FJ					
	4	R9J4060FJ				2 AC NO + NC w/ TEST AC2N02NCJ2NT	

Note

① 100 kA short-circuit rating.