






UL 98 Fused Rotary Disconnect Switches—30 to 800A

Specifications

					
	RDF30CC-3	RDF30J-3 / RDF60J-3-COMP	RDF60J-3	RDF200J-3	RDF600J-3
Part Number					
2-Pole	—	—	RDF30J-2	RDF60J-2-COMP	RDF60J-2
3-Pole	RDF30CC-3	RDF30J-3-COMP	RDF30J-3	RDF60J-3-COMP	RDF60J-3
3-Pole + Neutral	RDF30CC-3N	RDF30J-3N-COMP	—	—	—
4-Pole	—	—	RDF30J-4	RDF60J-4-COMP	RDF60J-4
UL Standard	UL 489	UL 489	UL 98	UL 98	UL 98
Fuse Class	CC	J	J	J	J
Max Fuse/Ampacity	30	30	30	60	60
Switch Type	Compact	Compact	Standard	Standard	Standard
Handle Operation	Front	Front	Front/Side Flange	Front/Side Flange	Front/Side Flange
UL Electrical Ratings					
Max AC Volts	600Vac	600Vac	600Vac	600Vac	600Vac
Max DC Volts*	—	—	250Vdc	250Vdc	250Vdc
Std AC Horsepower Ratings					
1-Phase, 240Vac	—	—	3	10	10
3-Phase, 240Vac	3	3	3	7.5	7.5
3-Phase, 480Vac	5.0	5.0	5.0	15	15
3-Phase, 600Vac	7.5	7.5	7.5	15	15
Max AC Horsepower Ratings					
3-Phase, 240Vac	7.5	7.5	7.5	15	15
3-Phase, 480Vac	15	15	15	30	30
3-Phase, 600Vac	20	20	20	50	50
DC Horsepower Ratings					
125Vdc	—	—	3	5	5
250Vdc	—	—	5	10	10
Electrical Characteristics					
SCCR	100kA	100kA	200kA	100kA	200kA
Terminal Lugs/Kits	Integral	Integral	Integral	Integral	Integral
Mounting Torque - Lb-In (N·m)	—	—	—	—	—
Wire Type	75°C Cu	75°C Cu	75°C Cu	75°C Cu	75°C Cu
Wire Range & Torque - Lb-In (N·m)					
Solid	#14-10 27 (3.1)	#14-10 27 (3.1)	#14-10 31 (3.5)	#14-10 31 (3.5)	#12-10 35.4 (4)
Stranded	#14-10 27 (3.1)	#14-10 27 (3.1)	#14-6 31 (3.5)	#14-6 31 (3.5)	#12-1 35.4 (4)
Mechanical Characteristics					
Endurances/Cycles	10,000	10,000	10,000	10,000	10,000
Physical Characteristics					
Dimensions					
See drawings on product pages					
Weight - Lbs (KG)					
2-Pole	—	—	3.0 (1.3)	3.1 (1.4)	4.0 (1.8)
3-Pole	1.3 (0.6)	1.4 (0.6)	3.8 (1.7)	4.1 (1.8)	5.3 (2.4)
3-Pole + Neutral	1.4 (0.6)	1.5 (0.7)	—	—	—
4-Pole	—	—	4.7 (2.1)	4.8 (2.2)	X.X (2.9)
Environmental					
Operating Temp. Range	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
Flammability Rating	UL 94-V0	UL 94-V0	UL 94-V0	UL 94-V0	UL 94-V0
Accessories					
Lug Kit	Integral	Integral	Integral	Integral	Integral
Handles					
Direct	•	•	•	•	•
Front Selector	•	•	—	—	—
Front Pistol	•	•	•	•	•
Side Pistol	—	—	•	•	•
Flange					
Cable	—	—	•	•	•
Shaft	—	—	•	•	•
NFPA Through Door Handle	•	•	•	•	•
Shafts c/s - mm	5x5	5x5	10x10	10x10	10x10
Terminal Shrouds	Not Required	Not Required	Not Required	Not Required	Not Required
Auxiliary Contacts					
(1) NO	•	•	•	•	•
(1) NC	•	•	•	•	•
AC Ratings					
Volts	600	600	600	600	600
Amps	10	10	10	10	10

Disconnect Switches

• Available, see product page for details and part numbers.
 — Not available.
 * General purpose only, not photovoltaic rated.

UL 98 Fused Rotary Disconnect Switches—200 & 400A Standard Class J

For a Complete Assembly, Please Select:

SWITCH + LUGS	 + 	Switch										
		Amp Rating	Fuse Class	Number of Poles	SCCR	Max Horsepower Rating				DC*		Part Number
						1-Phase 220/240Vac	220/240Vac	3-Phase 440/480Vac	600 Vac	125 Vdc	250 Vdc	
		200	J	2	200kA	10	-	-	-	-	-	RDF200J-2
		200	J	3	200kA	-	60	125	150	-	-	RDF200J-3
		200	J	4	200kA	-	60	125	150	-	-	RDF200J-4
		400	J	2	200kA	10	-	-	-	20	50	RDF400J-2
		400	J	3	200kA	-	125	250	350	20	50	RDF400J-3
		400	J	4	200kA	-	125	250	350	20	50	RDF400J-4
		* DC Ratings use two poles in series.										
Terminal Lug Kit												
Switch Amp Rating	Number of Poles	Lugs Per Kit	Wire Range			Wire Type		Part Number				
200	2	2	#6-300MCM			75°C Cu/Al		LUG1-2				
200	3	3	#6-300MCM			75°C Cu/Al		LUG1-3				
200	4	4	#6-300MCM			75°C Cu/Al		LUG1-4				
400	2	2	#4-600MCM or Dual 1/0-250MCM			75°C Cu/Al		LUG2-2				
400	3	3	#4-600MCM or Dual 1/0-250MCM			75°C Cu/Al		LUG2-3				
400	4	4	#4-600MCM or Dual 1/0-250MCM			75°C Cu/Al		LUG2-4				
+												
	Direct Mount Handle - mounts directly to switch, no shaft required											
	For Switch Part Number	Color	Test Function	Padlockable					Part Number			
	All Switches	Black	Y	Y					DIR-07			
OR												
HANDLE	 or  + 	External Front Operated Pistol Handles - shaft required										
		NEMA Type	Color	Test Function	Padlockable	Defeatable	Part Number					
		1, 3R, 12	Black	N	Y	Y	H12-03B					
		1, 3R, 12	Red/Yellow	N	Y	Y	H12-03R					
		1, 3R, 4, 4X, 12	Black	N	Y	Y	H4X-06B					
		1, 3R, 4, 4X, 12	Red/Yellow	N	Y	Y	H4X-06R					
		1, 3R, 4, 4X, 12	Black	Y	Y	Y	H4X-06TB					
		1, 3R, 4, 4X, 12	Red/Yellow	Y	Y	Y	H4X-06TR					
		Metallic Hasp (Heavy Duty) External Front Operated Pistol Handles - shaft required										
		NEMA Type	Color	Test Function	Padlockable	Defeatable	Part Number					
1, 3R, 4, 4X, 12	Black	N	Y	Y	H4X-06BHD							
1, 3R, 4, 4X, 12	Red/Yellow	N	Y	Y	H4X-06RHD							
External Right Side Operated Pistol Handles - shaft required												
NEMA Type	Color	Test Function	Padlockable	Defeatable	Part Number							
1, 3R, 4, 4X, 12	Black	N	Y	N/A	H4X-06SB							
1, 3R, 4, 4X, 12	Red/Yellow	N	Y	N/A	H4X-06SR							
Shafts for Pistol Handles												
Length in (mm)	Mounting Depth (X) in (mm)						Part Number					
7.9 (200)	200A: 5.70-9.06 (145-230) 400A: 7.87-10.24 (200-260)						SH5-200					
12.6 (320)	200A: 5.70-13.78 (145-350) 400A: 7.87-16.93 (200-380)						SH5-320					
15.7 (400)	200A: 5.70-16.93 (145-430) 400A: 7.87-18.10 (200-460)						SH5-400					