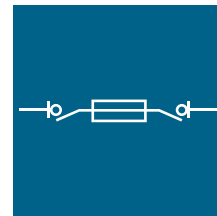



3KF SITOR switch disconnectors with fuses

Integrated safety for users and systems

In low-voltage circuits, 3KF switch disconnectors with fuses protect against overload and short circuit as main control and EMERGENCY-STOP switches or repair switches.

3KF SITOR represents a modification of the proven 3KF LV HRC, offering streamlined heat dissipation and thus enabling the use of fuses with significantly higher power losses. As a result, fuses for semiconductor protection can be loaded at higher currents than with conventional switch disconnectors with fuses.



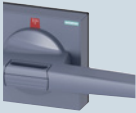







	Rated current I_n [A]	Fuse LV HRC	Size	Article number	Additional versions
Switches – Complete units (with direct operating mechanism in gray)					
	32	00/000	1	3KF1303-0LB51	
	63	00/000	1	3KF1306-0LB51	
	80	00/000	1	3KF1308-0LB51	
	125	00/000	2	3KF2312-0MF51	
	160	00/000	2	3KF2316-0MF51	
	250	1	3	3KF3325-0MF51	
	400	2/1	4	3KF4340-0MF51	
	630	3/2	5	3KF5363-0MF51	
	800 ¹⁾	3/2	5	3KF5380-0MF51	

¹⁾ For the utilization category AC-21 and AC-22, we achieve a rated current of 850 A in the combination of 3NE1448-2/-3 and 3KF5380-0MF51.

For the complete offering, see Catalog LV 10, Chapter 8

Notes:

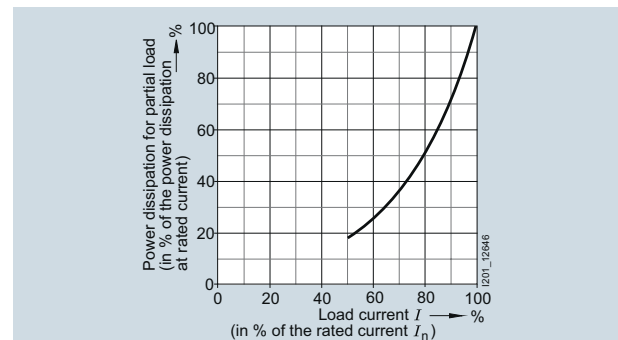
- **Mounting:** Size 1: Standard mounting rail or floor mounting, size 2 – 5: Floor mounting
- **Connection type:** Size 1: Box terminal, size 2 – 5 flat terminal
- **Auxiliary switch:** Size 1: max. 2 auxiliary switch modules mountable with a maximum of 2 auxiliary switches each
Size 2 – 5: Mounting of auxiliary switches directly on the drive module – no auxiliary switch module necessary

Product	Version	Article number	Additional versions	
Door mounted rotary operator: Handle (for operation through a control cabinet door or side panel)				
	for size 1	8UD1771-2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	for size 2+3	8UD1841-2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Lighting A Non-illuminated C Illuminated	
	for size 4	8UD1851-3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Labeling D O-I E Test - O-I	
	for size 5	8UD1861-4 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Color 1 gray 5 red/yellow	
Axles for door-coupling rotary operating mechanisms				
	for size 1+2	8UC60 <input type="checkbox"/> 2	<input type="checkbox"/>	
	for size 3+4	8UC60 <input type="checkbox"/> 3	Length 3 300 mm 8 600 mm	
	for size 5	8UC60 <input type="checkbox"/> 4		
Coupling driver				
	for size 1	8UD1900-2 <input type="checkbox"/> A00	<input type="checkbox"/>	
	for size 2	8UD1900-6 <input type="checkbox"/> A00	Tolerance compensation	
	for size 3+4	8UD1900-3 <input type="checkbox"/> A00	G with H without	
	for size 5	8UD1900-4 <input type="checkbox"/> A00		
Auxiliary switch modules and auxiliary switches				
	auxiliary switch module for size 1	3KD9103-5	<input type="checkbox"/>	
	1 changeover contact for size 1	3KD9103- <input type="checkbox"/>	Version 1 with soldered 50 cm cables 2 with blade receptacles	
	with test function for size 1	3KD9103-6		
	with test function and lead for size 1	3KD9103-7		
		2 NO contacts for size 2-5	3SU1400-1AA10-1BA0	
		1 NC contact for size 2-5	3SU1400-1AA10-1CA0	
1 NO contact + 1 NC contact for size 2-5		3SU1400-1AA10-1FA0		
Electronic fuse monitoring				
	for all sizes	3KF9010-1AA00		
Additional poles				
	for size 1	3KF910 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> A00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	for size 2	3KF920 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> A00	Switching pole 5 - 2 size 1 5 - 0 size 2-5	
	for size 3	3KF930 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> A00	N terminal 6 - 2 size 1 6 - 0 size 2-5	
	for size 4	3KF940 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> A00	N/PE terminal 6 - 8 size 1 6 - 7 size 2-5	
	for size 5	3KF950 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> A00		
Phase barriers				
	for all sizes	3KD9308- <input type="checkbox"/>	Unit(s) 6 6 units (for 3-pole devices 3KF) 8 8 units (for 4-pole devices 3KF)	

Technical Information:

If rated power loss of the fuse for the semiconductor protection is above what the switch allows, the load current must be reduced far enough until the actual power loss is within the limit values specified by the switching device. This is referred to as derating.

For the use of SIEMENS fuses for semiconductor protection in 3KF SITOR and 3KF LV HRC, the possible load values are available for every possible combination consisting of the fuse and switch type.



All 3KF SITOR switch disconnectors with fuses are climate-proof and meet the standards of IEC 60947-1, IEC 60947-3, and VDE 0660-107. For the complete offering, see Catalog LV 10, Chapter 8