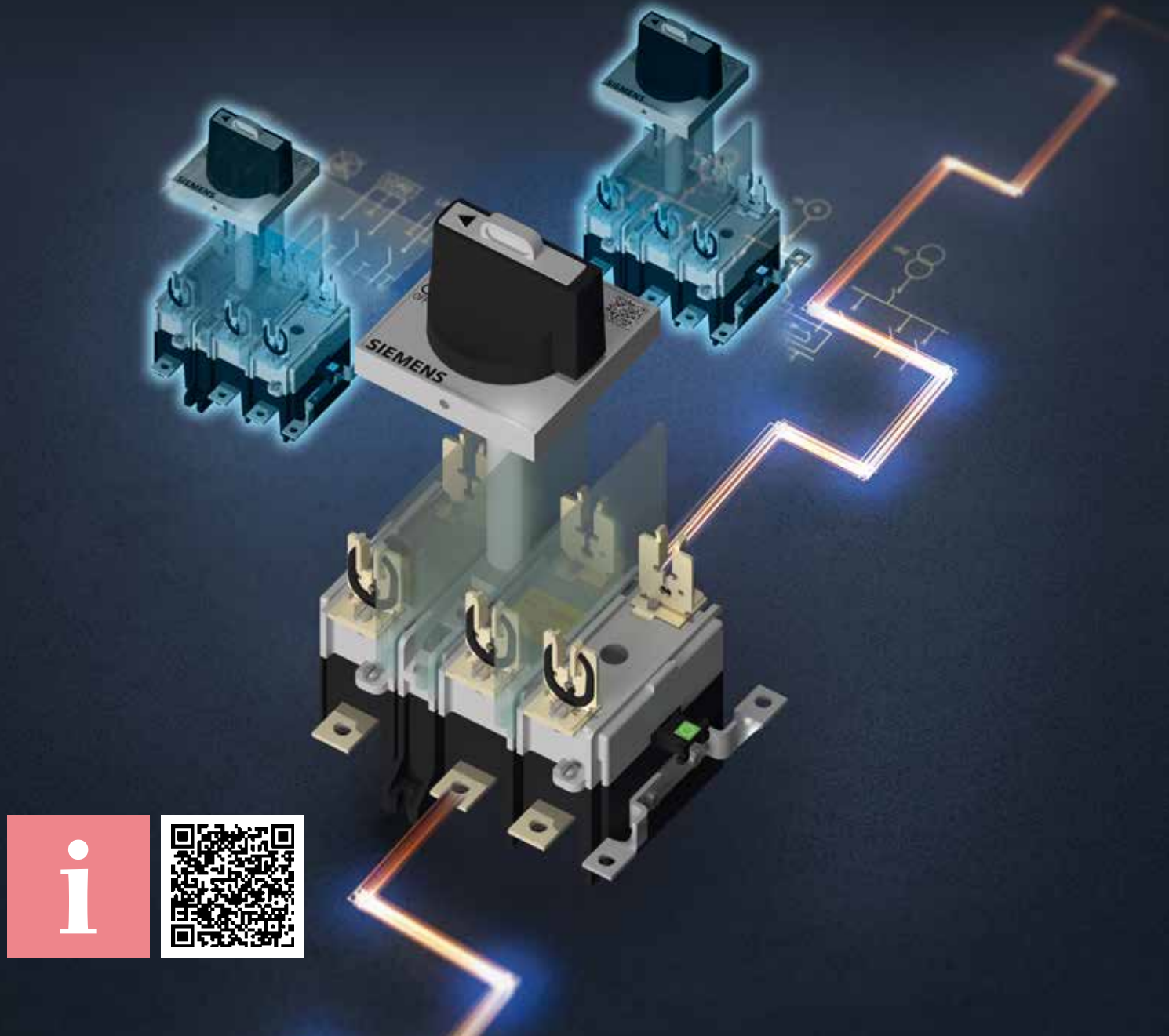


SUPERSWITCH

Switch Disconnecter Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

www.siemens.co.in/superswitch3k

SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz

- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection



Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	SDF suitable for BS type HRC fuses	SDF suitable for Cylindrical type HRC fuses	Std. pkg. (nos.)
20A	3KL8111-4TA00	3KL8111-4TJ00	3KL8111-4TC00	1
32A	3KL8121-4TA00	3KL8121-4TJ00	3KL8121-4TC00	1
63A	3KL8151-4TA00	3KL8151-4TJ00	3KL8151-4TC00	1
100A	3KL8171-4TA00	–	–	1
100A	3KL8211-4TA00	3KL8211-4TJ00	–	1
125A	3KL8221-4TA00	3KL8221-4TJ00	–	1
160A	3KL8231-4TA00	3KL8231-4TJ00	–	1
200A	3KL8311-4UA00	3KL8311-4UJ00	–	1
250A	3KL8321-4UA00	3KL8321-4UJ00	–	1
315A	3KL8331-4UA00	3KL8331-4UJ00	–	1
400A	3KL8341-4UA00	3KL8341-4UJ00	–	1
500A	3KL8411-4UA00	3KL8411-4UJ00	–	1
630A	3KL8421-4UA00	3KL8421-4UJ00	–	1
800A [§]	3KL8431-4UA00	3KL8431-4UJ00	–	1

Switch disconnector fuse: 3KL8 3PN for power distribution and motor

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	SDF suitable for BS type HRC fuses	SDF suitable for Cylindrical type HRC fuses	Std. pkg. (nos.)
20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
100A	3KL8171-5TA00	–	–	1
100A	3KL8211-5TA00	3KL8211-5TJ00	–	1
125A	3KL8221-5TA00	3KL8221-5TJ00	–	1
160A	3KL8231-5TA00	3KL8231-5TJ00	–	1
200A	3KL8311-5UA00	3KL8311-5UJ00	–	1
250A	3KL8321-5UA00	3KL8321-5UJ00	–	1
315A	3KL8331-5UA00	3KL8331-5UJ00	–	1
400A	3KL8341-5UA00	3KL8341-5UJ00	–	1
500A	3KL8411-5UA00	3KL8411-5UJ00	–	1
630A	3KL8421-5UA00	3KL8421-5UJ00	–	1
800A [§]	3KL8431-5UA00	3KL8431-5UJ00	–	1

Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I _e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Std. pkg. (nos.)
20A	3KL8111-1TA00	1
32A	3KL8121-1TA00	1
63A	3KL8151-1TA00	1
100A	3KL8211-1TA00	1
125A	3KL8221-1TA00	1
160A	3KL8231-1TA00	1
200A	3KL8311-1UA00	1
250A	3KL8321-1UA00	1
315A	3KL8331-1UA00	1
400A	3KL8341-1UA00	1
500A	3KL8411-1UA00	1
630A	3KL8421-1UA00	1
800A [§]	3KL8431-1UA00	1

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

\$ 3KL8431 (800A): 710A with fuse cover

Notes:

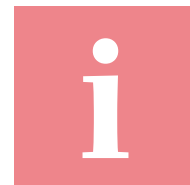
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension



Superswitch 3KL8

Switch disconnector fuse: 3KL8 2-pole (Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	SDF suitable for BS type HRC fuses	SDF suitable for Cylindrical type HRC fuses	Std. pkg. (nos.)
20A [®]	3KL8111-2TA00	–	3KL8111-2TC00	1
32A [®]	3KL8121-2TA00	–	3KL8121-2TC00	1
63A [®]	3KL8151-2TA00	–	3KL8151-2TC00	1
100A [®]	3KL8171-2TA00	–	–	1
100A	3KL8211-2TA00	3KL8211-2TJ00	–	1
125A	3KL8221-2TA00	3KL8221-2TJ00	–	1
160A	3KL8231-2TA00	3KL8231-2TJ00	–	1
200A	3KL8311-2UA00	3KL8311-2UJ00	–	1
250A	3KL8321-2UA00	3KL8321-2UJ00	–	1
315A	3KL8331-2UA00	3KL8331-2UJ00	–	1
400A	3KL8341-2UA00	3KL8341-2UJ00	–	1
500A	3KL8411-2UA00	3KL8411-2UJ00	–	1
630A	3KL8421-2UA00	3KL8421-2UJ00	–	1
800A [§]	3KL8431-2UA00	3KL8431-2UJ00	–	1



Switch disconnector fuse in SS[^] Enclosure (factory fitted)¹⁾

Rated current I _e @690V 50Hz	Suitable fuse type	3PN	4P	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	3KL8111-4TA10	1
	BS	3KL8111-5TJ10	3KL8111-4TJ10	1
	CYL	3KL8111-5TC10	3KL8111-4TC10	1
32A	DIN	3KL8121-5TA10	3KL8121-4TA10	1
	BS	3KL8121-5TJ10	3KL8121-4TJ10	1
	CYL	3KL8121-5TC10	3KL8121-4TC10	1
63A	DIN	3KL8151-5TA10	3KL8151-4TA10	1
	BS	3KL8151-5TJ10	3KL8151-4TJ10	1
	CYL	3KL8151-5TC10	3KL8151-4TC10	1
100A	DIN	3KL8211-5TA10	3KL8211-4TA10	1
	BS	3KL8211-5TJ10	3KL8211-4TJ10	1
125A	DIN	3KL8221-5TA10	3KL8221-4TA10	1
	BS	3KL8221-5TJ10	3KL8221-4TJ10	1
160A	DIN	3KL8231-5TA10	3KL8231-4TA10	1
	BS	3KL8231-5TJ10	3KL8231-4TJ10	1
200A	DIN	3KL8311-5UA10	3KL8311-4UA10	1
	BS	3KL8311-5UJ10	3KL8311-4UJ10	1
250A	DIN	3KL8321-5UA10	3KL8321-4UA10	1
	BS	3KL8321-5UJ10	3KL8321-4UJ10	1
315A	DIN	3KL8331-5UA10	3KL8331-4UA10	1
	BS	3KL8331-5UJ10	3KL8331-4UJ10	1
400A	DIN	3KL8341-5UA10	3KL8341-4UA10	1
	BS	3KL8341-5UJ10	3KL8341-4UJ10	1
500A	DIN	3KL8411-5UA10	3KL8411-4UA10	1
	BS	3KL8411-5UJ10	3KL8411-4UJ10	1
630A	DIN	3KL8421-5UA10	3KL8421-4UA10	1
	BS	3KL8421-5UJ10	3KL8421-4UJ10	1
800A [§]	DIN	3KL8431-5UA10	3KL8431-4UA10	1
	BS	3KL8431-5UJ10	3KL8431-4UJ10	1



SS [^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	1
200A-400A	3KX8345-4AC	1
500A-800A	3KX8435-4AC ¹⁾	1
200A-800A	3KX8435-4AG ^{#2)} NEW	1

[^] SS stands for Sheet Steel

Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

[^] SS stands for Sheet Steel

1) 3KL8 in SS Enclosure: Includes 3KL8 SDF without fuses, SS Enclosure, front drive (Handle) and phase barriers

\$ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

Superswitch 3KA8

Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I _n @690V 50Hz	2P	3PN	4P	Std. pkg. (nos.)
63A	3KA8151-2TE00 [®]	3KA8151-5TE00	3KA8151-4TE00	1
100A	–	3KA8171-5TE00	3KA8171-4TE00	1
100A	3KA8211-2TE00	3KA8211-5TE00	3KA8211-4TE00	1
125A	3KA8221-2TE00	3KA8221-5TE00	3KA8221-4TE00	1
160A	3KA8231-2TE00	3KA8231-5TE00	3KA8231-4TE00	1
200A	3KA8311-2UE00	3KA8311-5UE00	3KA8311-4UE00	1
250A	3KA8321-2UE00	3KA8321-5UE00	3KA8321-4UE00	1
400A	3KA8341-2UE00	3KA8341-5UE00	3KA8341-4UE00	1
630A ^{\$}	3KA842□-2UE00	3KA842□-5UE00	3KA842□-4UE00	1
800A ^{\$}	3KA843□-2UE00	3KA843□-5UE00	3KA843□-4UE00	1
1000A ^{\$}	3KA844□-2UE00	3KA844□-5UE00	3KA844□-4UE00	1
1250A ^{\$}	3KA845□-2UE00	3KA845□-5UE00	3KA845□-4UE00	1
1600A ^{\$}	3KA846□-2UE00	3KA846□-5UE00	3KA846□-4UE00	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing

\$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KA8: Unit MRPs are inclusive of Front drive (Handle)

Please scan the QR code for Catalog and Operating instruction sheets (OIS)

Refer the OIS for changes in dimension



Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	3KL82 11/21/31 3KA82 11/21/31	3KL83 11/21/31/41 3KA83 11/21/41	3KL84 11/21/31 3KA84 2/3/4/5/6	Std. pkg. (nos.)
Fuse cover ²⁾	2P	DIN	3KX8150-0AE ⁵⁾	3KX8230-0JF	3KX8340-0AF	3KX8430-0JF	1
		BS		3KX8230-0HF		3KX8430-0HF	1
	3P	DIN		3KX8230-0JE	3KX8340-0AE	3KX8430-0JE	1
		BS		3KX8230-0HE		3KX8430-0HE	1
Terminal cover (1set = 2pieces)	4P	DIN	3KX8150-0AG ⁵⁾	3KX8230-0JG	3KX8340-0AG	3KX8430-0JG	1
		BS		3KX8230-0HG		3KX8430-0HG	1
Phase barrier	2P	–	3KX8151-0AE	3KX8231-0AF	3KX8341-0AF	3KX8431-0AF	1
	3P	–	3KX8151-0AG	3KX8231-0AE	3KX8341-0AE	3KX8431-0AE	1
	4P	–	3KX8151-0AG	3KX8231-0AG	3KX8341-0AG	3KX8431-0AG	1
Fuse cover phase barrier kit ³⁾	–	DIN/ BS/ Cylindrical	3KX8153-0AE	3KX8153-0AE (DIN) 3KX8233-0JE (BS)	3KX8343-0AE	3KX8433-0AE	1
Auxiliary switch (1NO+1NC)	–	–	–	–	3KX8340-9AE	3KX8440-9AE	1
Auxiliary switch (2NO+2NC)	–	–	–	3KX3522-1YC	3KX3552-1YC	3KX3582-1YC	1
Auxiliary switch cover	–	–	–	3KX3522-1YD	3KX3552-1YD	3KX3582-1YD	1
Front drive (Handle)	–	–	–	3KX8234-0AC	–	–	1
Operating shaft (300mm)	–	–	–	8UC6214-1BB00	8UC6314-1BB00	8UC6414-1BB00	1
Castell interlock ¹⁾ ^	–	–	–	8UC60-32	8UC60-34	8UC60-34	1
Depth setting template	–	–	–	8UC6070-1YQ..	8UC6070-2YQ..	8UC6070-2YQ..	1
Fuse Monitor with auxiliary switch [^] (1NO+1NC)	–	–	–	8UC6046-2	8UC6046-2	8UC6046-2	1
Fuse safety barrier	–	–	–	3RV1611-0BD10	3RV1611-0BD10	3RV1611-0BD10	1
Gland box with gland plate (1no.)	–	–	–	3RV2901-1E	3RV2901-1E	3RV2901-1E	1
Gland plate	–	–	–	3KX8230-1AC	–	–	1
	–	–	–	3KX8235-4DC	3KX8345-4DC	3KX8435-4DC	1
	–	–	–	3KX8235-4GC	3KX8345-4GC	3KX8435-4GC	1
	–	–	–			3KX8435-4GG ⁴⁾	1
	–	–	–			3KX8435-4GG ⁴⁾	1

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also, suitable for SDF with cylindrical type HRC fuses

Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00, 3KL8...-3.C00

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

^ - List Price

- Std. pkg. = 10