

# SENTRON Switching and Protection Devices – Switch Disconnectors

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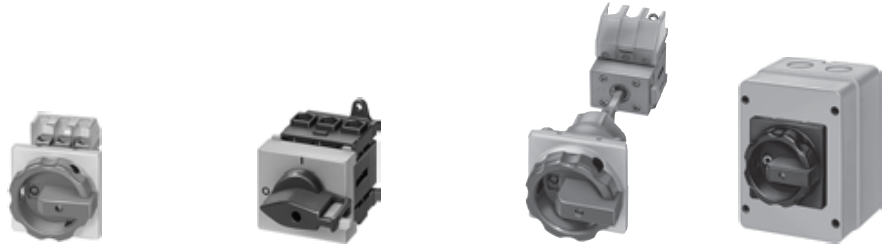
Accessories



# SENTRON Switching and Protection Devices – Switch Disconnectors

## Introduction

### Overview



Type		3LD20	3LD21	3LD22	3LD25	3LD27	3LD28
<b>3LD main and EMERGENCY-STOP switches from 16 A to 125 A</b>							
<b>Rated uninterrupted current <math>I_U</math></b> at 35 °C ambient temperature	A	16	25	32	63	100	125
<b>Rated operational voltage <math>U_e</math></b>	V	690	690	690	690	690	690
<b>AC-3 motor load switches</b>							
Operational switching of individual motors							
At 220 ... 240 V	kW	3.0	4.0	5.5	11.0	18.5	22.0
At 380 ... 440 V	kW	5.5	7.5	9.5	18.5	30.0	37.0
At 660/690 V	kW	5.5	7.5	9.5	15.0	22.0	30.0
<b>AC-23A main control switches, maintenance switches</b>							
Frequent, but not operational switching of single motors							
At 220 ... 240 V	kW	4.0	5.0	6.0	11.0	18.5	22.0
At 380 ... 440 V	kW	7.5	9.5	11.5	22.0	37.0	45.0
At 660/690 V	kW	7.5	9.5	11.5	18.5	30.0	37.0
<b>Switch versions</b>							
Front mounting							
• Central		✓	✓	✓	✓	--	--
• Four-hole		✓	✓	✓	✓	✓	✓
Floor mounting							
• Central		✓	✓	✓	✓	--	--
• Four-hole		✓	✓	✓	✓	✓	✓
Distribution board mounting		✓	✓	✓	✓	✓	✓
Molded-plastic enclosures							
• Metric screwed glands		✓	✓	✓	✓	✓	✓
<b>Switch accessories</b>							
4th pole (neutral conductor) (leading switch-on, delayed switch-off)		✓	✓	✓	✓	✓	✓
N terminals		✓	✓	✓	✓	✓	✓
PE/ground terminals		✓	✓	✓	✓	✓	✓
Auxiliary contacts							
1 NO + 1 NC		✓	✓	✓	✓	✓	✓

# SENTRON Switching and Protection Devices – Switch Disconnectors



Type		3NP	3K	3NJ4
<b>SENTRON</b>				
Rated uninterrupted current $I_U$ at 35 °C ambient temperature	A	160 to 630	63 to 1000	160 to 1250
Rated operational voltage $U_e$	V	690	690	690
<b>AC -21</b>				
At 400 V		✓	✓	✓
At 500 V		✓	✓	✓
At 690 V		✓	✓	✓
<b>AC -22</b>				
At 400 V		✓	✓	✓
At 500 V		✓	✓	✓
At 690 V		✓	✓	✓
<b>AC -23</b>				
At 400 V		✓	✓	--
At 500 V		--	✓	--
At 690 V		--	✓	--
<b>Switch versions</b>				
Front mounting		--	✓	--
Floor mounting		✓	✓	--
Busbars				
• 40 mm		✓	--	--
• 60 mm		✓	✓	--
• 185 mm		--	--	✓
Molded-plastic enclosures		✓	✓	--
<b>Switch accessories</b>				
Auxiliary contacts				
1 NO + 1 NC		--	✓	--
1 CO		✓	✓	✓
Fuse monitoring				
• With circuit-breakers		✓	✓	✓
• With electronics		✓	✓	✓

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### General data

#### Application

3KA and 3KE switch disconnectors are used as main control, EMERGENCY-STOP, maintenance and transfer switches in distribution boards for residential and non-residential buildings as well as industrial switchboards. As three and four-pole variants, they ensure activation and deactivation of the specified rated current under load. At the same time, they constitute a safety isolating function and isolating distance in all low-voltage circuits.

All 3K switch disconnectors are climate-proof and meet the requirements of IEC 60947-1, IEC 60947-3 and VDE 0660 Part 107.

Switch disconnectors in the type-tested 8HP molded-plastic distribution board enclosure (degree of protection IP65) are available for use as safety switches.

More data can be found in the Catalog "8HP System" (Order No. 8ZX1012-0HP54-5AB1).

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

Floor mounting

### Application


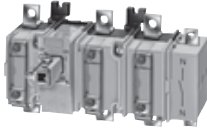
3KA switch disconnectors are implemented as main control switches and EMERGENCY-STOP switches for normal switching duty and isolation of main circuits and auxiliary circuits. Another field of application is the switching of induction motors and other loads in the event of maintenance and repair.

Main control and EMERGENCY-STOP switches are manually operated switch disconnectors according to IEC 60947-3 and VDE 0660 Part 107 (EN 60947-3) and fulfill the conditions for switch disconnectors and the requirements of the machinery directive EN 60204-1.

### Selection and ordering data

All switch disconnectors with degree of protection IP00

Conductor connecting screws are generally included in the scope of delivery

	Rated uninterrupted current $I_u$	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>Complete versions with 8UC6 door-coupling rotary operating mechanism (black handle)</b>								
<b>3-pole for motor loads and for power distribution</b>								
	63	B	3KA50 30-1EE01		1	1 unit	103	1.444
	80	B	3KA51 30-1EE01		1	1 unit	103	1.403
	125	B	3KA52 30-1EE01		1	1 unit	103	2.383
	160	B	3KA53 30-1EE01		1	1 unit	103	2.426
	250	B	3KA55 30-1EE01		1	1 unit	103	5.475
	400	B	3KA57 30-1EE01		1	1 unit	103	5.556
	630	B	3KA58 30-1EE01		1	1 unit	103	6.128
<b>4-pole<sup>1)</sup> for power distribution</b>								
	63	B	3KA50 40-1EE01		1	1 unit	103	2.498
	80	B	3KA51 40-1EE01		1	1 unit	103	2.540
	125	B	3KA52 40-1EE01		1	1 unit	103	2.490
	160	B	3KA53 40-1EE01		1	1 unit	103	2.458
	250	B	3KA55 40-1EE01		1	1 unit	103	6.038
	400	B	3KA57 40-1EE01		1	1 unit	103	5.154
	630	B	3KA58 40-1EE01		1	1 unit	103	6.595
<b>Basic switch versions without handle</b>								
<b>3-pole for motor loads and for power distribution</b>								
 3KA53 30-1AE01	63	B	3KA50 30-1AE01		1	1 unit	103	0.946
	80	B	3KA51 30-1AE01		1	1 unit	103	0.918
	125	B	3KA52 30-1AE01		1	1 unit	103	1.880
	160	▶	3KA53 30-1AE01		1	1 unit	103	2.028
	250	B	3KA55 30-1AE01		1	1 unit	103	4.514
	400	B	3KA57 30-1AE01		1	1 unit	103	4.630
630	B	3KA58 30-1AE01		1	1 unit	103	5.151	
<b>4-pole<sup>1)</sup> for power distribution</b>								
 3KA53 40-1AE01	63	B	3KA50 40-1AE01		1	1 unit	103	2.100
	80	B	3KA51 40-1AE01		1	1 unit	103	2.112
	125	B	3KA52 40-1AE01		1	1 unit	103	2.090
	160	B	3KA53 40-1AE01		1	1 unit	103	2.240
	250	C	3KA55 40-1AE01		1	1 unit	103	5.042
	400	B	3KA57 40-1AE01		1	1 unit	103	5.195
	630	B	3KA58 40-1AE01		1	1 unit	103	5.740
<b>8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate) for basic switch versions without handle</b>								
<b>3-pole for motor loads and for power distribution</b>								
	63	▶	8UC61 21-3BB10		1	1 unit	103	0.353
	80	▶	8UC61 21-3BB10		1	1 unit	103	0.353
	125	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	160	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	250	▶	8UC63 23-3BB30		1	1 unit	103	0.999
	400	▶	8UC63 23-3BB30		1	1 unit	103	0.999
	630	▶	8UC63 23-3BB30		1	1 unit	103	0.999
<b>4-pole<sup>1)</sup> for power distribution</b>								
	63	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	80	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	125	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	160	▶	8UC62 22-3BB20		1	1 unit	103	0.426
	250	▶	8UC63 23-3BB30		1	1 unit	103	0.999
	400	▶	8UC63 23-3BB30		1	1 unit	103	0.999
	630	▶	8UC63 23-3BB30		1	1 unit	103	0.999

1) Rated values reduced in the event of strong harmonics caused by frequency converter operation.


For 8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate), see Accessories.

\* You can order this quantity or a multiple thereof.

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### Floor mounting

	Rated uninterrupted current $I_u$	DT	3-pole, kit for mounting in control cabinet side panel Installation kit (IP40) Comprising: Lockable handle and three terminal covers for the line side Order No.	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	A		Price per PU				kg	
<b>Black handles</b>								
 <p>3KA53 30-1AE01 with 3KX3 536-2AA</p>	63	B	<b>3KX3 516-2AA</b>	1	1 unit	103	0.591	
	80	B	<b>3KX3 516-2AA</b>	1	1 unit	103	0.591	
	125	B	<b>3KX3 536-2AA</b>	1	1 unit	103	0.843	
	160	B	<b>3KX3 536-2AA</b>	1	1 unit	103	0.843	
	250	B	<b>3KX3 556-2AA</b>	1	1 unit	103	1.560	
	400	B	<b>3KX3 556-2AA</b>	1	1 unit	103	1.560	
	630	B	<b>3KX3 556-2AA</b>	1	1 unit	103	1.560	
	<b>EMERGENCY-STOP red handles</b>							
	63	B	<b>3KX3 516-2BA</b>	1	1 unit	103	0.584	
	80	B	<b>3KX3 516-2BA</b>	1	1 unit	103	0.584	
125	B	<b>3KX3 536-2BA</b>	1	1 unit	103	0.860		
160	B	<b>3KX3 536-2BA</b>	1	1 unit	103	0.860		
250	B	<b>3KX3 556-2BA</b>	1	1 unit	103	1.590		
400	B	<b>3KX3 556-2BA</b>	1	1 unit	103	1.590		
630	B	<b>3KX3 556-2BA</b>	1	1 unit	103	1.590		

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

Floor mounting

All switch disconnectors with degree of protection IP00  
With high-speed closing and opening

Conductor connecting screws are generally included in the scope of delivery

Rated uninterrupted current $I_u$	DT	3-pole, operating mechanism and actuation from the front	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A		Direct operating mechanism	Order No.	Price per PU		kg
<b>Complete versions with black handle</b>						
250	B	3KE42 30-0BA		1	1 unit	103 4.210
400	B	3KE43 30-0BA		1	1 unit	103 4.178
630	B	3KE44 30-0BA		1	1 unit	103 7.184
1000	B	3KE45 30-0BA		1	1 unit	103 7.838
<b>Basic switch versions without handle</b>						
250	B	3KE42 30-0AA		1	1 unit	103 3.879
400	B	3KE43 30-0AA		1	1 unit	103 3.870
630	B	3KE44 30-0AA		1	1 unit	103 6.915
1000	B	3KE45 30-0AA		1	1 unit	103 7.427
<b>EMERGENCY-STOP red handles + coupling sockets for basic switch versions without handle</b>						
250	B	8UC93 71		1	1 unit	103 0.146
	B	+ 3KX2 210-0H		1	1 unit	103 0.236
400	B	8UC93 71		1	1 unit	103 0.146
	B	+ 3KX2 210-0H		1	1 unit	103 0.236
630	B	8UC93 75		1	1 unit	103 0.165
	B	+ 3KX2 210-0H		1	1 unit	103 0.236
1000	B	8UC93 75		1	1 unit	103 0.165
	B	+ 3KX2 210-0H		1	1 unit	103 0.236
<b>Complete versions with 8UC6 door-coupling rotary operating mechanisms (black handle)</b>						
250	B	3KE42 30-0EA		1	1 unit	103 5.032
400	B	3KE43 30-0EA		1	1 unit	103 5.041
630	B	3KE44 30-0EA		1	1 unit	103 7.885
1000	B	3KE45 30-0EA		1	1 unit	103 8.532
<b>Basic switch versions without handle</b>						
250	B	3KE42 30-0AA		1	1 unit	103 3.879
400	B	3KE43 30-0AA		1	1 unit	103 3.870
630	B	3KE44 30-0AA		1	1 unit	103 6.915
1000	B	3KE45 30-0AA		1	1 unit	103 7.427
<b>8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate) for basic switch versions without handle</b>						
250	▶	8UC63 24-3BB44		1	1 unit	103 1.173
400	▶	8UC63 24-3BB44		1	1 unit	103 1.173
630	▶	8UC64 24-3BB44		1	1 unit	103 1.189
1000	▶	8UC64 24-3BB44		1	1 unit	103 1.189

\* You can order this quantity or a multiple thereof.

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### Floor mounting

Rated uninterrupted current $I_u$	DT	3-pole, rear operating mechanism and actuation	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A		Order No.	Price per PU			kg
<b>Basic switch versions without handle</b>						
<b>Direct operating mechanisms</b>						
250	B	3KE42 30-OCA	1	1 unit	103	5.306
400	B	3KE43 30-OCA	1	1 unit	103	5.030
630	C	3KE44 30-OCA	1	1 unit	103	7.395
1000	C	3KE45 30-OCA	1	1 unit	103	7.990
<b>Direct operating mechanisms (lockable)</b>						
250	B	3KE42 30-OCA	1	1 unit	103	5.306
400	B	3KE43 30-OCA	1	1 unit	103	5.030
630	C	3KE44 30-OCA	1	1 unit	103	7.395
1000	C	3KE45 30-OCA	1	1 unit	103	7.990
<b>Handles (black) + masking plates + indicator plates (silver) for basic switch versions without handle</b>						
<b>Direct operating mechanisms</b>						
250	B	8UC93 70	1	1 unit	103	0.128
	A	+ 8UB95 30	1	1 unit	103	0.028
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
400	B	8UC93 70	1	1 unit	103	0.128
	A	+ 8UB95 30	1	1 unit	103	0.028
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
630	B	8UC93 74	1	1 unit	103	0.145
	A	+ 8UB95 30	1	1 unit	103	0.028
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
1000	B	8UC93 74	1	1 unit	103	0.145
	A	+ 8UB95 30	1	1 unit	103	0.028
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
<b>Direct operating mechanisms (lockable)</b>						
250	B	8UC93 70	1	1 unit	103	0.128
	B	+ 8UC95 63	1	1 unit	103	0.271
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
400	B	8UC93 70	1	1 unit	103	0.128
	B	+ 8UC95 63	1	1 unit	103	0.271
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
630	B	8UC93 74	1	1 unit	103	0.145
	B	+ 8UC95 63	1	1 unit	103	0.271
	A	+ 8UC96 31-0B	1	1 unit	103	0.011
1000	B	8UC93 74	1	1 unit	103	0.145
	B	+ 8UC95 63	1	1 unit	103	0.271
	A	+ 8UC96 31-0B	1	1 unit	103	0.011



# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

Floor mounting

Rated uninterrupted current $I_u$	DT	3-pole, rear operating mechanism and actuation	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A		Order No.	Price per PU			kg
<b>EMERGENCY-STOP red handles + masking plates + indicator plates (yellow) for basic switch versions without handle</b>						
<b>Direct operating mechanisms</b>						
250	B	<b>8UC93 71</b>	1	1 unit	103	0.146
	A	+ <b>8UB95 30</b>	1	1 unit	103	0.028
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
400	B	<b>8UC93 71</b>	1	1 unit	103	0.146
	A	+ <b>8UB95 30</b>	1	1 unit	103	0.028
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
630	B	<b>8UC93 75</b>	1	1 unit	103	0.165
	A	+ <b>8UB95 30</b>	1	1 unit	103	0.028
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
1000	B	<b>8UC93 75</b>	1	1 unit	103	0.165
	A	+ <b>8UB95 30</b>	1	1 unit	103	0.028
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
<b>Direct operating mechanisms (lockable)</b>						
250	B	<b>8UC93 71</b>	1	1 unit	103	0.146
	B	+ <b>8UC95 63</b>	1	1 unit	103	0.271
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
400	B	<b>8UC93 71</b>	1	1 unit	103	0.146
	B	+ <b>8UC95 63</b>	1	1 unit	103	0.271
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
630	B	<b>8UC93 75</b>	1	1 unit	103	0.165
	B	+ <b>8UC95 63</b>	1	1 unit	103	0.271
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
1000	B	<b>8UC93 75</b>	1	1 unit	103	0.165
	B	+ <b>8UC95 63</b>	1	1 unit	103	0.271
	A	+ <b>8UC96 33-0B</b>	1	1 unit	103	0.011
Rated uninterrupted current $I_u$	DT	3-pole, rear rotary operating mechanism (lockable) Door-coupling rotary operating mechanism (lockable)	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A		Order No.	Price per PU			kg
<b>Basic switch versions without handle</b>						
250	B	<b>3KE42 30-0CA</b>	1	1 unit	103	5.306
400	B	<b>3KE43 30-0CA</b>	1	1 unit	103	5.030
630	C	<b>3KE44 30-0CA</b>	1	1 unit	103	7.395
1000	C	<b>3KE45 30-0CA</b>	1	1 unit	103	7.990
<b>8UC6 door-coupling rotary operating mechanisms (black handle) for basic switch versions without handle</b>						
250	B	<b>8UC63 14-1BB44</b>	1	1 unit	103	1.153
400	B	<b>8UC63 14-1BB44</b>	1	1 unit	103	1.153
630	▶	<b>8UC64 14-1BB44</b>	1	1 unit	103	1.171
1000	▶	<b>8UC64 14-1BB44</b>	1	1 unit	103	1.171
<b>8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate) for basic switch versions without handle</b>						
250	▶	<b>8UC63 24-3BB44</b>	1	1 unit	103	1.173
400	▶	<b>8UC63 24-3BB44</b>	1	1 unit	103	1.173
630	▶	<b>8UC64 24-3BB44</b>	1	1 unit	103	1.189
1000	▶	<b>8UC64 24-3BB44</b>	1	1 unit	103	1.189

\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### Molded-plastic enclosures

#### Benefits

- Lockable with 3 padlocks
- Generous terminal chamber
- Degree of protection IP65
- Maintenance-free
- Easy mounting


#### Application

Our master and EMERGENCY-STOP switches provide absolute safety, even during maintenance and repair work. All-round safety for people and machines.

the building and industrial installations as well as the food and chemical industry. Even with the enclosure open, they meet Safety Class 2. IP20 is the minimum!

With their high degree of protection IP65, they can even withstand dust and water spray, providing unparalleled safety in

#### Selection and ordering data

Main contact elements	Auxiliary contact elements	P/AC-23A at		$I_u$	Conductor cross-section of main conductor/PEN	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
		at 380... 400 V	at 660/ 690 V										kW
<b>Main control switches complete with rotary operating mechanism, black<sup>1)</sup></b>													
	3	-	65	110	125	35/35 <sup>2)</sup>	C	<b>8HP2 707</b>		1	1 unit	046	5.240
			80	150	160	120/70 <sup>2)</sup>	C	<b>8HP2 711</b>		1	1 unit	046	8.039
			132	220	250	150/70 <sup>2)</sup>	C	<b>8HP2 712</b>		1	1 unit	046	12.242
			200	375	400	2 × 150 or 1 × 240/120	C	<b>8HP2 717</b>		1	1 unit	046	12.378
			350	375	630	2 × 240/120	C	<b>8HP2 718</b>		1	1 unit	046	13.050
			315	315	800 <sup>3)</sup>	2 × 240/240	C	<b>8HP2 738</b>		1	1 unit	046	14.290
<b>EMERGENCY-STOP switches complete with rotary operating mechanism, red/yellow<sup>1)</sup></b>													
	3	-	65	110	125	35/35 <sup>2)</sup>	C	<b>8HP2 747</b>		1	1 unit	046	5.217
			80	150	160	120/70 <sup>2)</sup>	C	<b>8HP2 748</b>		1	1 unit	046	7.992
			132	220	250	150/70 <sup>2)</sup>	C	<b>8HP2 761</b>		1	1 unit	046	12.340
			200	375	400	2 × 150 or 1 × 240/120	C	<b>8HP2 762</b>		1	1 unit	046	12.354
			350	375	630	2 × 240/120	C	<b>8HP2 763</b>		1	1 unit	046	12.875
			315	315	800 <sup>3)</sup>	2 × 240/240	C	<b>8HP2 758</b>		1	1 unit	046	14.329

- 1) With PE/ground or neutral terminal.
- 2) For a fifth conductor, the same terminal can be fitted additionally.
- 3) At ambient temperature up to 35 °C.

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### Accessories

#### Selection and ordering data

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>3KA50 30/3KA51 30</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KX3 552-3DA01</b>	1	1 set	103	0.077
		(1 set = 8 units) for 4-pole devices	▶ <b>3KX3 552-3DB01</b>	1	1 set	103	0.102
		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm	▶ <b>8UC61 11-1BB10</b>	1	1 unit	103	0.347
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC61 21-3BB10</b>	1	1 unit	103	0.353
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 516-1AA</b>	1	1 unit	103	0.088
		<b>Extension shafts, 300 mm long</b>	B <b>8UC60 31</b>	1	1 unit	103	0.068
		<b>Extension shafts, 600 mm long</b>	B <b>8UC60 81</b>	1	1 unit	103	0.136
		<b>Shaft connection pieces</b>	B <b>8UC60 21</b>	1	1 unit	103	0.031
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	C <b>3SB14 00-0A</b>	1	1 unit	102	0.019
<b>3KA50 40/3KA51 40/3KA52/3KA53</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KA52 3KX3 552-3DA01</b>	1	1 set	103	0.077
		(1 set = 8 units) for 4-pole devices	▶ <b>3KA53 3KX3 553-3DA01</b>	1	1 set	103	0.147
		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm	▶ <b>8UC62 12-1BB20</b>	1	1 unit	103	0.404
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 536-1AA</b>	1	1 unit	103	0.155
		<b>Extension shafts, 300 mm long</b>	B <b>8UC60 32</b>	1	1 unit	103	0.132
		<b>Extension shafts, 600 mm long</b>	B <b>8UC60 82</b>	1	1 unit	103	0.265
		<b>Shaft connection pieces</b>	B <b>8UC60 22</b>	1	1 unit	103	0.023
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	C <b>3SB14 00-0A</b>	1	1 unit	102	0.019
		20 ms leading 1 NO + 1 NC <sup>1)</sup>	B <b>3KX3 552-3EA01</b>	1	1 unit	103	0.019
<b>3KA55/3KA57/3KA58</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KX3 557-3DA01</b>	1	1 set	103	0.277
		(1 set = 8 units) for 4-pole devices	▶ <b>3KX3 557-3DB01</b>	1	1 set	103	0.362
		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm	▶ <b>8UC63 13-1BB30</b>	1	1 unit	103	0.973
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC63 23-3BB30</b>	1	1 unit	103	0.999
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 176-1E</b>	1	1 unit	103	0.285
		<b>Extension shafts, 300 mm long</b>	C <b>8UC60 33</b>	1	1 unit	103	0.217
		<b>Extension shafts, 600 mm long</b>	B <b>8UC60 83</b>	1	1 unit	103	0.430
		<b>Shaft connection pieces</b>	B <b>8UC60 23</b>	1	1 unit	103	0.085
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	C <b>3SB14 00-0A</b>	1	1 unit	102	0.019
		20 ms leading 1 NO + 1 NC <sup>1)</sup>	B <b>3KX3 552-3EA01</b>	1	1 unit	103	0.019




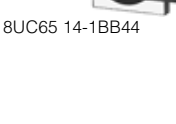















1) For further 3SB14 00-0 switching elements with other contact types, see "Pushbuttons and Indicator Lights".

\* You can order this quantity or a multiple thereof.

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A





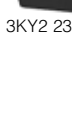






### Accessories

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>3KE42/3KE43</b>							
<i>Changeover switches</i>							
	B	<b>3KX2 210-0D</b>		1	1 unit	103	2.442
	B	<b>8UC65 14-1BF44</b>		1	1 unit	103	1.183
	Door-coupling rotary operating mechanisms IP65 Twin handle (black), shaft 300 mm						
	B	<b>8UC93 81</b>		1	1 unit	103	0.264
	Direct operating mechanisms Twin handle (black) for fixed mounting						
	B	<b>3KX2 210-0E</b>		1	1 unit	103	2.448
	B	<b>8UC65 14-1FG44</b>		1	1 unit	103	1.137
	Door-coupling rotary operating mechanisms IP65 Twin handle (black), shaft 300 mm						
	B	<b>8UC93 81</b>		1	1 unit	103	0.264
	Direct operating mechanisms Twin handle (black) for fixed mounting						
<i>Parallel switches</i>							
	C	<b>3KX2 250-1A</b>		1	1 unit	103	0.750
	B	<b>8UC65 14-1BB44</b>		1	1 unit	103	1.265
	Door-coupling rotary operating mechanisms IP65 Twin handle (black), shaft 300 mm						
	B	<b>8UC65 24-3BB44</b>		1	1 unit	103	1.221
	EMERGENCY-STOP door-coupling rotary operating mechanisms IP65 Twin handle (red), shaft 300 mm						
	B	<b>8UC93 81</b>		1	1 unit	103	0.264
	Direct operating mechanisms Twin handle (black) for fixed mounting						
<i>Further accessories</i>							
	▶	<b>3KX3 557-3DA01</b>		1	1 set	103	0.277
	B	<b>8UC63 14-1BB44</b>		1	1 unit	103	1.153
	Door-coupling rotary operating mechanisms IP65 Black handle, shaft 300 mm						
	▶	<b>8UC63 24-3BB44</b>		1	1 unit	103	1.173
	EMERGENCY-STOP door-coupling rotary operating mechanisms IP65 EMERGENCY-STOP (yellow/red), shaft 300 mm						
	B	<b>8UC60 34</b>		1	1 unit	103	0.315
	Extension shafts, 300 mm long						
	B	<b>8UC60 84</b>		1	1 unit	103	0.640
	Extension shafts, 600 mm long						
	B	<b>3KX2 231-1A</b>		1	1 unit	103	0.049
	Auxiliary switches 1 NO + 1 NC (complete mounting kit)						
	B	<b>3KX2 252-1A</b>		1	1 unit	103	0.049
	Grounding brackets						
	B	<b>3KY2 202-0B</b>		1	1 unit	103	0.640
	Arc chutes (spare part with 3 arc-splitter assemblies)						
	B	<b>3KY2 204-0A</b>		1	1 set	103	0.202
	Arcing contacts (spare part with 3 fixed and 3 movable contacts)						

# 3KA, 3KE, 3LD Switch Disconnectors

## 3KA, 3KE Switch Disconnectors up to 1000 A

### Accessories

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
<b>3KE44/3KE45</b>								
<i>Changeover switches</i>								
	B	<b>Changeover switches with interruption</b>						
		Switch I ON – Switch II OFF	<b>3KX2 210-0D</b>		1	1 unit	103	2.442
		Switch I OFF – Switch II OFF Switch I OFF – Switch II ON						
	B	<b>Door-coupling rotary operating mechanisms IP65</b>						
		Twin handle (black), shaft 300 mm	<b>8UC65 14-1BF44</b>		1	1 unit	103	1.183
		<b>Direct operating mechanisms</b>						
	B	Twin handle (black) for fixed mounting	<b>8UC93 81</b>		1	1 unit	103	0.264
		<b>Changeover switches without interruption</b>						
		Switch I ON – Switch II OFF Switch I ON – Switch II OFF Switch I OFF – Switch II ON	<b>3KX2 210-0E</b>		1	1 unit	103	2.448
	B	<b>Door-coupling rotary operating mechanisms IP65</b>						
		Twin handle (black), shaft 300 mm	<b>8UC65 14-1FG44</b>		1	1 unit	103	1.137
		<b>Direct operating mechanisms</b>						
	B	Twin handle (black) for fixed mounting	<b>8UC93 81</b>		1	1 unit	103	0.264
		<i>Parallel switches</i>						
		Switch I ON – Switch II OFF Switch I OFF – Switch II OFF	C	<b>3KX2 250-1A</b>		1	1 unit	103
	B	<b>Door-coupling rotary operating mechanisms IP65</b>						
		Twin handle (black), shaft 300 mm	<b>8UC65 14-1BB44</b>		1	1 unit	103	1.265
		<b>EMERGENCY-STOP door-coupling rotary operating mechanisms IP65</b>						
	B	Twin handle (red), shaft 300 mm	<b>8UC65 24-3BB44</b>		1	1 unit	103	1.221
		<b>Direct operating mechanisms</b>						
		Twin handle (black) for fixed mounting	<b>8UC93 81</b>		1	1 unit	103	0.264
<i>Further accessories</i>								
	B	<b>Terminal covers</b> (top and bottom)	<b>3KX2 252-0C</b>		1	1 unit	103	0.424
		<b>Door-coupling rotary operating mechanisms IP65</b>						
		Black handle, shaft 300 mm	▶ <b>8UC64 14-1BB44</b>		1	1 unit	103	1.171
EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC64 24-3BB44</b>		1	1 unit	103	1.189		
	B	<b>Extension shafts, 300 mm long</b>	<b>8UC60 34</b>		1	1 unit	103	0.315
		<b>Extension shafts, 600 mm long</b>	<b>8UC60 84</b>		1	1 unit	103	0.640
	B	<b>Auxiliary switches</b> 1 NO + 1 NC (complete mounting kit)	<b>3KX2 231-1A</b>		1	1 unit	103	0.049
		<b>Grounding brackets</b>						
	B	<b>Arc chutes</b> (spare part with 3 arc-splitter assemblies)	<b>3KY2 232-0A</b>		1	1 unit	103	1.040
		<b>Arcing contacts</b> (spare part with 3 fixed and 3 movable contacts)	<b>3KY2 234-0A</b>		1	1 set	103	0.105

\* You can order this quantity or a multiple thereof.

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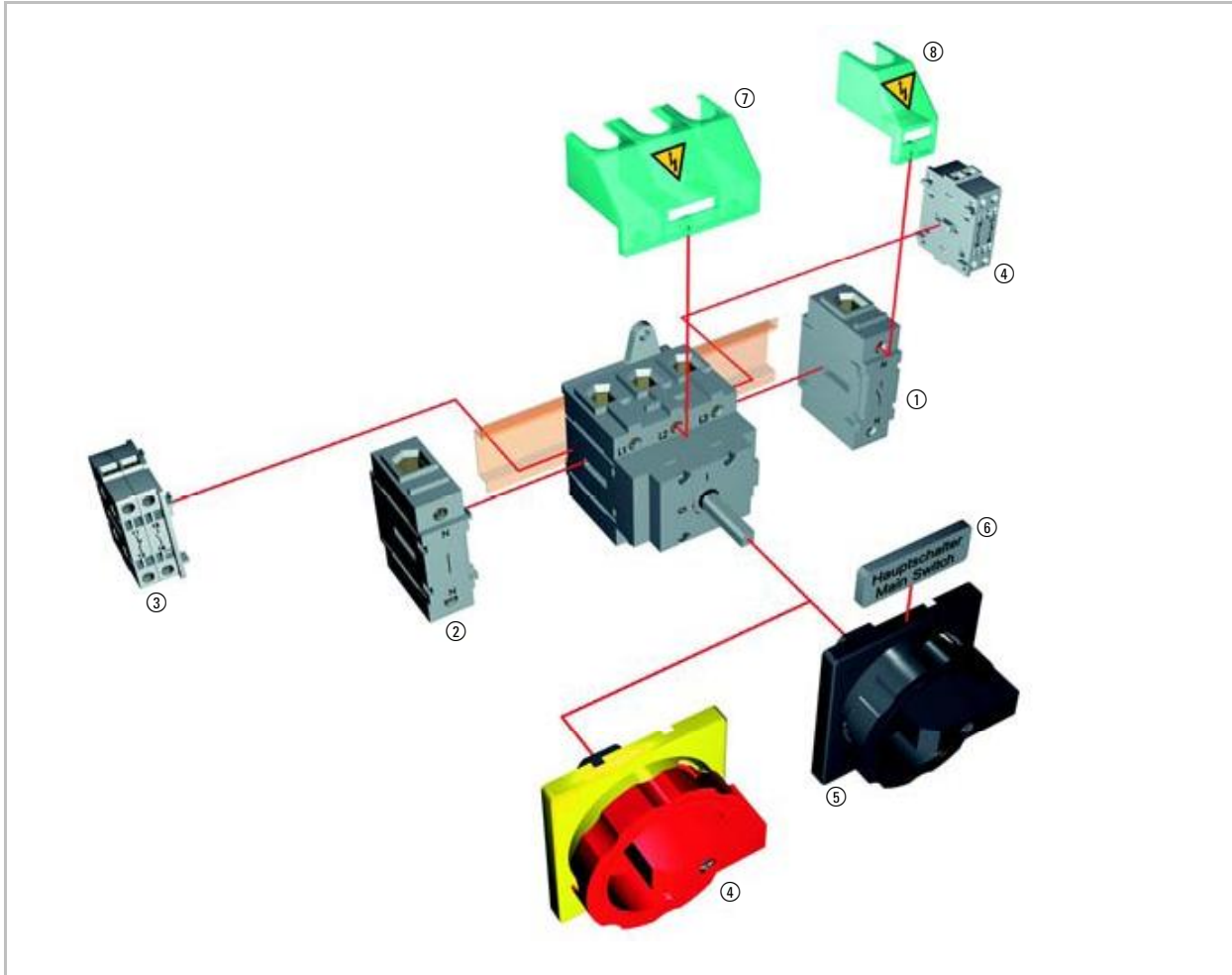
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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### General data

### Overview



- ① Fourth contact element (neutral conductor)
- ② N or PE/ground terminal, continuous
- ③ Auxiliary switch, 1 NO and 1 NC
- ④ Rotary operating mechanism, red/yellow
- ⑤ Rotary operating mechanism, black
- ⑥ Front plate, German/English
- ⑦ Terminal cover, three-pole
- ⑧ Terminal cover, one-pole

### Application

The 3LD switches are used for switching main and auxiliary circuits, but also for switching induction motors and other loads during maintenance and repair work.

They are manually operated switch disconnectors according to IEC 60947-3/VDE 0660 Part 107 (EN 60947-3) and fulfill the conditions for switch disconnectors.

The 3LD can be used as

- ON-OFF switch
- EMERGENCY-STOP switch
- Main control switch according to EN 60204-1

In EN 60204-1 (VDE 0113 Part 1), main switches are called "mains isolating devices", while EMERGENCY-STOP switches are termed "devices for emergency shutdown". Maintenance personnel can protect themselves against unauthorized startup with padlocks (up to three can be fitted).

3LD main control and EMERGENCY-STOP switches are approved according to UL508.

# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Front mounting

### Selection and ordering data

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements	$I_u$							
	P/AC-3	P/AC-23A	$I_u$							kg
	kW	kW	A							

#### Main and EMERGENCY-STOP switches with rotary operating mechanism

- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm x 67 mm
  - 3LD2 5 to 3LD2 8: 90 mm x 90 mm.

#### Four-hole mounting



3LD2 203-0TK53

3	--	5.5	7.5	16	▶	3LD2 003-0TK..	1	1 unit	103	0.207		
		7.5	9.5	25	▶	3LD2 103-0TK..	1	1 unit	103	0.206		
		9.5	11.5	32	▶	3LD2 203-0TK..	1	1 unit	103	0.208		
		18.5	22	63	▶	3LD2 504-0TK..	1	1 unit	103	0.424		
		30	37	100	▶	3LD2 704-0TK..	1	1 unit	103	0.501		
		37	45	125	A	3LD2 804-0TK..	1	1 unit	103	0.503		
		3 + N	--	5.5	7.5	16	▶	3LD2 003-1TL..	1	1 unit	103	0.217
				7.5	9.5	25	A	3LD2 103-1TL..	1	1 unit	103	0.243
				9.5	11.5	32	A	3LD2 203-1TL..	1	1 unit	103	0.243
18.5	22			63	▶	3LD2 504-0TK.. + <sup>1)</sup>	1	1 unit	103	0.424		
					A	3LD9 250-0BA	1	1 unit	103	0.079		
30	37			100	▶	3LD2 704-0TK.. + <sup>1)</sup>	1	1 unit	103	0.501		
					▶	3LD9 280-0B	1	1 unit	103	0.101		
37	45			125	A	3LD2 804-0TK.. + <sup>1)</sup>	1	1 unit	103	0.503		
					▶	3LD9 280-0B	1	1 unit	103	0.101		

#### Center-hole mounting Ø 22.5 mm

3	--	5.5	7.5	16	A	3LD2 054-0TK..	1	1 unit	103	0.215
		7.5	9.5	25	A	3LD2 154-0TK..	1	1 unit	103	0.215
		9.5	11.5	32	A	3LD2 254-0TK..	1	1 unit	103	0.214
		18.5	22	63	A	3LD2 555-0TK..	1	1 unit	103	0.443
3 + N	--	5.5	7.5	16	A	3LD2 054-1TL..	1	1 unit	103	0.224
		7.5	9.5	25	A	3LD2 154-1TL..	1	1 unit	103	0.252
		9.5	11.5	32	A	3LD2 254-1TL..	1	1 unit	103	0.253
		18.5	22	63	A	3LD2 555-0TK.. + <sup>1)</sup>	1	1 unit	103	0.443
					A	3LD9 250-0BA	1	1 unit	103	0.079

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

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- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.

\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Front mounting

Main contact elements	Auxiliary contact elements	Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			P/AC-23A	$I_u$							

#### Main and EMERGENCY-STOP switches with rotary operating mechanism

- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Including terminal cover for the line side
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm × 67 mm
  - 3LD2 5 to 3LD2 8: 90 mm × 90 mm.

### Four-hole mounting



3LD2 203-0TK53

3	1 NO + 1 NC	7.5	16	A	3LD2 003-1TP..	1	1 unit	103	0.250		
		9.5	25	A	3LD2 103-1TP..	1	1 unit	103	0.249		
		11.5	32	▶	3LD2 203-0TK.. + <sup>1)</sup>	1	1 unit	103	0.208		
				A	3LD9 200-5B	1	1 unit	103	0.046		
		22	63	▶	3LD2 504-0TK.. + <sup>1)</sup>	1	1 unit	103	0.424		
				A	3LD9 200-5B	1	1 unit	103	0.046		
		37	100	▶	3LD2 704-0TK.. + <sup>1)</sup>	1	1 unit	103	0.501		
				A	3LD9 200-5B	1	1 unit	103	0.046		
		45	125	A	3LD2 804-0TK.. + <sup>1)</sup>	1	1 unit	103	0.503		
				A	3LD9 200-5B	1	1 unit	103	0.046		
3 + N	1 NO + 1 NC	7.5	16	A	3LD2 003-2EP..	1	1 unit	103	0.262		
		9.5	25	A	3LD2 103-2EP..	1	1 unit	103	0.287		
		11.5	32	A	3LD2 203-1TL.. + <sup>2)</sup>	1	1 unit	103	0.243		
				A	3LD9 200-5B	1	1 unit	103	0.046		
		22	63	▶	3LD2 504-0TK.. + <sup>1)</sup>	1	1 unit	103	0.424		
				A	3LD9 250-0BA + <sup>2)</sup>	1	1 unit	103	0.079		
				A	3LD9 200-5B	1	1 unit	103	0.046		
		37	100	▶	3LD2 704-0TK.. + <sup>1)</sup>	1	1 unit	103	0.501		
				▶	3LD9 280-0B + <sup>2)</sup>	1	1 unit	103	0.101		
				A	3LD9 200-5B	1	1 unit	103	0.046		
45	125			A	3LD2 804-0TK.. + <sup>1)</sup>	1	1 unit	103	0.503		
				▶	3LD9 280-0B + <sup>2)</sup>	1	1 unit	103	0.101		
						A	3LD9 200-5B	1	1 unit	103	0.046
						A	3LD9 200-5B	1	1 unit	103	0.046

### Center-hole mounting Ø 22.5 mm

3	1 NO + 1 NC	7.5	16	A	3LD2 054-1TP..	1	1 unit	103	0.261
		9.5	25	A	3LD2 154-1TP..	1	1 unit	103	0.256
		11.5	32	A	3LD2 254-0TK.. + <sup>1)</sup>	1	1 unit	103	0.214
				A	3LD9 200-5B	1	1 unit	103	0.046
		22	63	A	3LD2 555-0TK.. + <sup>1)</sup>	1	1 unit	103	0.443
				A	3LD9 200-5B	1	1 unit	103	0.046
3 + N	1 NO + 1 NC	7.5	16	A	3LD2 054-2EP..	1	1 unit	103	0.267
		9.5	25	C	3LD2 154-2EP..	1	1 unit	103	0.304
		11.5	32	A	3LD2 254-1TL.. + <sup>2)</sup>	1	1 unit	103	0.253
				A	3LD9 200-5B	1	1 unit	103	0.046
		22	63	A	3LD2 555-0TK.. + <sup>1)</sup>	1	1 unit	103	0.443
				A	3LD9 250-0BA + <sup>2)</sup>	1	1 unit	103	0.079
		A	3LD9 200-5B	1	1 unit	103	0.046		

#### Actuators

- Black
- Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Front mounting

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-23A	$I_u$							
		kW	A							kg

### Main control and EMERGENCY-STOP switches with selector switch operating mechanism<sup>1)</sup>

- Lockable in 0 position (can be modified to I position) with max. 2 padlocks
- Degree of protection at front IP65
- Including terminal cover for the line side
- Front plate  
- 48 mm x 48 mm.

### Four-hole mounting



3LD2 222-0TK11

3	--	7.5	16	A	3LD2 022-0TK..	1	1 unit	103	0.186
		9.5	25	A	3LD2 122-0TK..	1	1 unit	103	0.184
		11.5	32	A	3LD2 222-0TK..	1	1 unit	103	0.180
3 + N	--	7.5	16	A	3LD2 022-1TL..	1	1 unit	103	0.206
		9.5	25	A	3LD2 122-0TK.. + <sup>1)</sup>	1	1 unit	103	0.184
		11.5	32	A	3LD9 220-0B ▶	1	1 unit	103	0.039
3	1 NO + 1 NC	7.5	16	A	3LD2 022-0TK.. + <sup>2)</sup>	1	1 unit	103	0.186
		9.5	25	A	3LD9 200-5B	1	1 unit	103	0.046
		11.5	32	A	3LD2 222-0TK.. + <sup>2)</sup>	1	1 unit	103	0.184
3 + N	1 NO + 1 NC	7.5	16	A	3LD9 200-5B ▶	1	1 unit	103	0.046
		9.5	25	A	3LD2 122-0TK.. + <sup>2)</sup>	1	1 unit	103	0.180
		11.5	32	A	3LD9 200-5B ▶	1	1 unit	103	0.046
3	1 NO + 1 NC	7.5	16	A	3LD2 022-0TK.. + <sup>1)</sup>	1	1 unit	103	0.186
		9.5	25	A	3LD9 220-0B ▶	1	1 unit	103	0.039
		11.5	32	A	3LD9 200-5B ▶	1	1 unit	103	0.046
3 + N	1 NO + 1 NC	7.5	16	A	3LD2 122-0TK.. + <sup>1)</sup>	1	1 unit	103	0.184
		9.5	25	A	3LD9 220-0B ▶	1	1 unit	103	0.039
		11.5	32	A	3LD9 200-5B ▶	1	1 unit	103	0.046
3	1 NO + 1 NC	7.5	16	A	3LD2 222-0TK.. + <sup>1)</sup>	1	1 unit	103	0.180
		9.5	25	A	3LD9 220-0B ▶	1	1 unit	103	0.039
		11.5	32	A	3LD9 200-5B ▶	1	1 unit	103	0.046

### Actuators

- Black
- Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Front mounting

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-23A	$I_U$							
		kW	A							kg
<b>Center-hole mounting Ø 22.5 mm</b>										
3	--	7.5	16	A	<b>3LD2 050-0TK..</b>		1	1 unit	103	0.196
		9.5	25	A	<b>3LD2 150-0TK..</b>		1	1 unit	103	0.191
		11.5	32	A	<b>3LD2 250-0TK..</b>		1	1 unit	103	0.192
3 + N	--	7.5	16	A	<b>3LD2 050-1TL..</b>		1	1 unit	103	0.215
		9.5	25	A	<b>3LD2 150-0TK..</b> <sup>+1)</sup>		1	1 unit	103	0.191
		11.5	32	A	<b>3LD2 250-0TK..</b> <sup>+1)</sup> <b>3LD9 220-0B</b>		1	1 unit	103	0.039
3	1 NO + 1 NC	7.5	16	A	<b>3LD2 050-0TK..</b> <sup>+2)</sup>		1	1 unit	103	0.196
		9.5	25	A	<b>3LD2 150-0TK..</b> <sup>+2)</sup> <b>3LD9 220-5B</b>		1	1 unit	103	0.046
		11.5	32	A	<b>3LD2 250-0TK..</b> <sup>+2)</sup> <b>3LD9 220-5B</b>		1	1 unit	103	0.046
3 + N	1 NO + 1 NC	7.5	16	A	<b>3LD2 050-1TL..</b> <sup>+2)</sup>		1	1 unit	103	0.215
		9.5	25	A	<b>3LD2 150-0TK..</b> <sup>+1)</sup> <b>3LD9 220-0B</b>		1	1 unit	103	0.039
		11.5	32	A	<b>3LD2 250-0TK..</b> <sup>+2)</sup> <b>3LD9 220-5B</b>		1	1 unit	103	0.046

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Front mounting

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements	P/AC-3 kW							



3LD2 103-3VK53

### Main and EMERGENCY-STOP switches with rotary operating mechanism

- Degree of protection at front IP65

6	--	7.5	9.5	25	A	<b>3LD2 103-3VK..</b>	1	1 unit	103	0.382
		9.5	11.5	32	A	<b>3LD2 203-3VK..</b>	1	1 unit	103	0.381
		18.5	22.0	63	A	<b>3LD2 504-3VK..</b>	1	1 unit	103	0.851
6	1 NO + 1 NC	7.5	9.5	25	A	<b>3LD2 103-4VP..</b>	1	1 unit	103	0.432

### Actuators

Black

Red/yellow (EMERGENCY-STOP)

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Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements	P/AC-3 kW							



3LD2 123-7UK01

### Changeover switches with selector switch operating mechanism, selector switch cannot be locked

- Black actuator
- Degree of protection at front IP65

3	--	7.5	9.5	25	A	<b>3LD2 123-7UK01</b>	1	1 unit	103	0.374
		9.5	11.5	32	A	<b>3LD2 223-7UK01</b>	1	1 unit	103	0.378
		18.5	22.0	63	A	<b>3LD2 524-7UK01</b>	1	1 unit	103	0.841
		30.0	37.0	100	A	<b>3LD2 724-7UK01</b>	1	1 unit	103	1.061

\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Floor mounting

#### Selection and ordering data

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements							

#### Main and EMERGENCY-STOP switches with door-coupling rotary operating mechanism

- With 300 mm switch shaft
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the line side
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm x 67 mm
  - 3LD2 5 to 3LD2 8: 90 mm x 90 mm.

#### Four-hole mounting



3LD2 213-0TK53

3	--	7.5	16	▶	3LD2 013-0TK..	1	1 unit	103	0.412
		9.5	25	▶	3LD2 113-0TK..	1	1 unit	103	0.407
		11.5	32	▶	3LD2 213-0TK..	1	1 unit	103	0.407
		22	63	▶	3LD2 514-0TK..	1	1 unit	103	0.655
		37	100	▶	3LD2 714-0TK..	1	1 unit	103	0.765
		45	125	A	3LD2 814-0TK..	1	1 unit	103	0.765
3 + N	--	7.5	16	▶	3LD2 013-1TL..	1	1 unit	103	0.417
		9.5	25	A	3LD2 113-1TL..	1	1 unit	103	0.446
		11.5	32	▶	3LD2 213-0TK.. + <sup>1)</sup>	1	1 unit	103	0.407
				▶	3LD9 220-0C	1	1 unit	103	0.039
		22	63	▶	3LD2 514-0TK.. + <sup>1)</sup>	1	1 unit	103	0.655
				A	3LD9 250-0CA	1	1 unit	103	0.080
		37	100	▶	3LD2 714-0TK.. + <sup>1)</sup>	1	1 unit	103	0.765
				▶	3LD9 280-0C	1	1 unit	103	0.102
		45	125	A	3LD2 814-0TK.. + <sup>1)</sup>	1	1 unit	103	0.765
				▶	3LD9 280-0C	1	1 unit	103	0.102

#### Center-hole mounting Ø 22.5 mm

3	--	7.5	16	A	3LD2 044-0TK..	1	1 unit	103	0.428
		9.5	25	A	3LD2 144-0TK..	1	1 unit	103	0.429
		11.5	32	A	3LD2 244-0TK..	1	1 unit	103	0.427
		22	63	A	3LD2 545-0TK..	1	1 unit	103	0.710
3 + N	--	7.5	16	A	3LD2 044-1TL..	1	1 unit	103	0.433
		9.5	25	A	3LD2 144-1TL..	1	1 unit	103	0.461
		11.5	32	A	3LD2 244-0TK.. + <sup>1)</sup>	1	1 unit	103	0.427
				▶	3LD9 220-0C	1	1 unit	103	0.039
		22	63	A	3LD2 545-0TK.. + <sup>1)</sup>	1	1 unit	103	0.710
				A	3LD9 250-0CA	1	1 unit	103	0.080

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Floor mounting

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements							
									kg

### Main and EMERGENCY-STOP switches with door-coupling rotary operating mechanism

- With 300 mm switch shaft
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the line side
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm x 67 mm
  - 3LD2 5 to 3LD2 8: 90 mm x 90 mm.

### Four-hole mounting



3LD2 213-0TK53

3	1 NO + 1 NC	7.5	16	▶	3LD2 013-0TK.. +2)	1	1 unit	103	0.412	
				A	3LD9 200-5C	1	1 unit	103	0.046	
		9.5	25	▶	3LD2 113-0TK.. +2)	1	1 unit	103	0.407	
				A	3LD9 200-5C	1	1 unit	103	0.046	
		11.5	32	▶	3LD2 213-0TK.. +2)	1	1 unit	103	0.407	
				A	3LD9 200-5C	1	1 unit	103	0.046	
		22	63	▶	3LD2 514-0TK.. +2)	1	1 unit	103	0.655	
			A	3LD9 200-5C	1	1 unit	103	0.046		
	37	100	▶	3LD2 714-0TK.. +2)	1	1 unit	103	0.765		
			A	3LD9 200-5C	1	1 unit	103	0.046		
	45	125	▶	3LD2 814-0TK.. +2)	1	1 unit	103	0.765		
			A	3LD9 200-5C	1	1 unit	103	0.046		
	3 + N	1 NO + 1 NC	7.5	16	▶	3LD2 013-1TL.. +2)	1	1 unit	103	0.417
					A	3LD9 200-5C	1	1 unit	103	0.046
9.5			25	▶	3LD2 113-1TL.. +2)	1	1 unit	103	0.446	
				A	3LD9 200-5C	1	1 unit	103	0.046	
11.5			32	▶	3LD2 213-0TK.. +1)	1	1 unit	103	0.407	
				A	3LD9 220-0C +2)	1	1 unit	103	0.039	
				A	3LD9 200-5C	1	1 unit	103	0.046	
22		63	▶	3LD2 514-0TK.. +1)	1	1 unit	103	0.655		
			A	3LD9 250-0CA +2)	1	1 unit	103	0.080		
			A	3LD9 200-5C	1	1 unit	103	0.046		
37		100	▶	3LD2 714-0TK.. +1)	1	1 unit	103	0.765		
			A	3LD9 280-0C +2)	1	1 unit	103	0.102		
			A	3LD9 200-5C	1	1 unit	103	0.046		
45		125	▶	3LD2 814-0TK.. +1)	1	1 unit	103	0.765		
		A	3LD9 280-0C +2)	1	1 unit	103	0.102			
		A	3LD9 200-5C	1	1 unit	103	0.046			

### Actuators

Black

Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.
- 2) Please order auxiliary switch 1 NO + 1 NC separately, see Accessories.

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\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Floor mounting

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements							
		kW	A						kg

#### Main and EMERGENCY-STOP switches with door-coupling rotary operating mechanism

- With 300 mm switch shaft
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the line side
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm x 67 mm
  - 3LD2 5 to 3LD2 8: 90 mm x 90 mm.

#### Center-hole mounting Ø 22.5 mm

3	1 NO + 1 NC	7.5	16	A	3LD2 044-0TK.. + <sup>2)</sup>	1	1 unit	103	0.428
				A	3LD9 200-5C				
		9.5	25	A	3LD2 144-0TK.. + <sup>2)</sup>	1	1 unit	103	0.429
				A	3LD9 200-5C				
		11.5	32	A	3LD2 244-0TK.. + <sup>2)</sup>	1	1 unit	103	0.427
				A	3LD9 200-5C				
		22	63	A	3LD2 545-0TK.. + <sup>2)</sup>	1	1 unit	103	0.710
				A	3LD9 200-5C				
3 + N	1 NO + 1 NC	7.5	16	A	3LD2 044-1TL.. + <sup>2)</sup>	1	1 unit	103	0.433
				A	3LD9 200-5C				
		9.5	25	A	3LD2 144-1TL.. + <sup>2)</sup>	1	1 unit	103	0.461
				A	3LD9 200-5C				
		11.5	32	A	3LD2 244-0TK.. + <sup>1)</sup>	1	1 unit	103	0.427
				▶	3LD9 220-0C + <sup>2)</sup>				
		22	63	A	3LD2 545-0TK.. + <sup>1)</sup>	1	1 unit	103	0.710
				A	3LD9 250-OCA + <sup>2)</sup>				
		37	100	▶	3LD2 714-0TK.. + <sup>1)</sup>	1	1 unit	103	0.765
				▶	3LD9 280-0C + <sup>2)</sup>				
		45	125	A	3LD2 814-0TK.. + <sup>1)</sup>	1	1 unit	103	0.765
				▶	3LD9 280-0C + <sup>2)</sup>				
				A	3LD9 200-5C	1	1 unit	103	0.046

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately, see Accessories.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Floor mounting

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-3	P/AC-23A	$I_u$							
		kW	kW	A							kg

### Main and EMERGENCY-STOP switches with door-coupling rotary operating mechanism

- With 300 mm switch shaft
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the line side
- Front plate
  - 3LD2 0, 3LD2 1, 3LD2 2: 67 mm × 67 mm

### Four-hole mounting

6	--	7.5	9.5	25	A	<b>3LD2 113-3VK..</b>	1	1 unit	103	0.604
6	1 NO + 1 NC	9.5	9.5	25	C	<b>3LD2 113-4VP..</b>	1	1 unit	103	0.645

### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

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53

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-23A	$I_u$								
		kW		A							kg

### Main controls and EMERGENCY-STOP switches with defeatable rotary door-coupling operating mechanisms<sup>1)</sup>

The SENTRON 3LD main control and EMERGENCY-STOP switch with defeatable door-coupling rotary operating mechanism enables you to conduct repairs, maintenance work or tests on electrical plants and machines without having to interrupt their operation. With the help of the defeatable door-coupling rotary operating mechanism, an electrician can bypass the interlock in ON position and open the control cabinet door with the plant activated.

The SENTRON 3LD main control and EMERGENCY-STOP switch with defeatable door-coupling rotary operating mechanism is approved according to UL 508 and meets the requirements for enclosure type 4X and 12.

- With 300 mm switch shaft
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the line side
- Front plate 65 mm × 65 mm

### Four-hole mounting



3LD2 017-OTK..

3	--	7.5	16	C	<b>3LD2 017-OTK..</b>	1	1 unit	103	0.412
		11.5	32	C	<b>3LD2 217-OTK..</b>	1	1 unit	103	0.412
		22	63	C	<b>3LD2 517-OTK..</b>	1	1 unit	103	0.412
3 + N	--	7.5	16	C	<b>3LD2 017-1TL..</b>	1	1 unit	103	0.412
		11.5	32	C	<b>3LD2 217-1TL..</b>	1	1 unit	103	0.412
		22	63	C	<b>3LD2 517-1TL..</b>	1	1 unit	103	0.412

### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

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1) Auxiliary contacts and miscellaneous accessories to be ordered separately, see Accessories.

\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Distribution board mounting

#### Selection and ordering data

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-23A kW	I <sub>U</sub> A							

#### ON/OFF and EMERGENCY-STOP switches with masking plate and selector switch

- Distribution board mounting
- With screw and snap-on mounting on 35 mm standard mounting rail
- Lockable in 0 position with up to 2 padlocks
- Degree of protection at front IP44



3LD2 530-0TK13

3	--	7.5	16	A	3LD2 030-0TK..	1	1 unit	103	0.169		
		9.5	25	A	3LD2 130-0TK..	1	1 unit	103	0.171		
		11.5	32	A	3LD2 230-0TK..	1	1 unit	103	0.168		
		22	63	A	3LD2 530-0TK..	1	1 unit	103	0.311		
		37	100	A	3LD2 730-0TK..	1	1 unit	103	0.379		
		45	125	A	3LD2 830-0TK..	1	1 unit	103	0.388		
3 + N	--	7.5	16	C	3LD2 030-1TL..	1	1 unit	103	0.190		
		9.5	25	A	3LD2 130-0TK.. +1)	1	1 unit	103	0.171		
					▶ 3LD9 220-0C	1	1 unit	103	0.039		
		11.5	32	A	3LD2 230-0TK.. +1)	1	1 unit	103	0.168		
					▶ 3LD9 220-0C	1	1 unit	103	0.039		
		22	63	A	3LD2 530-0TK.. +1)	1	1 unit	103	0.311		
					▶ 3LD9 250-0CA	1	1 unit	103	0.080		
		37	100	A	3LD2 730-0TK.. +1)	1	1 unit	103	0.379		
					▶ 3LD9 280-0C	1	1 unit	103	0.102		
		45	125	A	3LD2 830-0TK.. +1)	1	1 unit	103	0.388		
					▶ 3LD9 280-0C	1	1 unit	103	0.102		
		3	1 NO + 1 NC	7.5	16	A	3LD2 030-0TK.. +2)	1	1 unit	103	0.169
							▶ 3LD9 200-5C	1	1 unit	103	0.046
				9.5	25	A	3LD2 130-0TK.. +2)	1	1 unit	103	0.171
							▶ 3LD9 200-5C	1	1 unit	103	0.046
11.5	32			A	3LD2 230-0TK.. +2)	1	1 unit	103	0.168		
					▶ 3LD9 200-5C	1	1 unit	103	0.046		
22	63			A	3LD2 530-0TK.. +2)	1	1 unit	103	0.311		
					▶ 3LD9 200-5C	1	1 unit	103	0.046		
37	100			A	3LD2 730-0TK.. +2)	1	1 unit	103	0.379		
			▶ 3LD9 200-5C	1	1 unit	103	0.046				
45	125	A	3LD2 830-0TK.. +2)	1	1 unit	103	0.388				
			▶ 3LD9 200-5C	1	1 unit	103	0.046				

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately; see Accessories for floor mounting.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Distribution board mounting

Number and version of the contacts		Rated data at 50 Hz ... 60 Hz 380 V ... 440 V		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Main contact elements	Auxiliary contact elements	P/AC-23A	$I_U$							kg
		kW	A							
3 + N	1 NO + 1 NC	7.5	16	C	<b>3LD2 030-1TL..</b>		1	1 unit	103	0.190
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
9.5			25	A	<b>3LD2 130-0TK..</b>		1	1 unit	103	0.171
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
				▶	<b>3LD9 220-0C</b>		1	1 unit	103	0.039
11.5			32	A	<b>3LD2 230-0TK..</b>		1	1 unit	103	0.168
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
				▶	<b>3LD9 220-0C</b>		1	1 unit	103	0.039
22			63	A	<b>3LD2 530-0TK..</b>		1	1 unit	103	0.311
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
				A	<b>3LD9 250-0CA</b>		1	1 unit	103	0.080
37			100	A	<b>3LD2 730-0TK..</b>		1	1 unit	103	0.379
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
				▶	<b>3LD9 280-0C</b>		1	1 unit	103	0.102
45			125	A	<b>3LD2 830-0TK..</b>		1	1 unit	103	0.388
				A	<b>3LD9 200-5C</b>		1	1 unit	103	0.046
				▶	<b>3LD9 280-0C</b>		1	1 unit	103	0.102

### Actuators

Black

Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately; see Accessories for floor mounting.
- 2) Please order auxiliary switches 1 NO + 1 NC separately; see Accessories.

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\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Molded-plastic enclosures

### Selection and ordering data

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.

#### Main and EMERGENCY-STOP switches

- With N or PE/ground terminal
- Lockable in 0 position with up to 3 padlocks
- Degree of protection at front IP65

#### Metric screwed glands



3LD2 164-0TB53



3LD2 164-1GP53

3	--	7.5	16	A	3LD2 064-0TB..	1	1 unit	103	0.465
		9.5	25	A	3LD2 164-0TB..	1	1 unit	103	0.463
		11.5	32	A	3LD2 264-0TB..	1	1 unit	103	0.465
		22	63	A	3LD2 565-0TB..	1	1 unit	103	0.902
		37	100	A	3LD2 766-0TB..	1	1 unit	103	1.890
		45	125	A	3LD2 866-0TB..	1	1 unit	103	1.890
3 + N	--	7.5	16	A	3LD2 064-1TC..	1	1 unit	103	0.457
		9.5	25	A	3LD2 164-1TC..	1	1 unit	103	0.487
		11.5	32	A	3LD2 264-1TC..	1	1 unit	103	0.500
		22	63	C	3LD2 565-1TC..	1	1 unit	103	0.960
		37	100	A	3LD2 766-0TB.. + <sup>1)</sup>	1	1 unit	103	1.890
		▶			3LD9 280-0C	1	1 unit	103	0.102
3	1 NO + 1 NC	7.5	16	A	3LD2 064-1GP..	1	1 unit	103	0.498
		9.5	25	A	3LD2 164-1GP..	1	1 unit	103	0.487
		11.5	32	A	3LD2 264-1GP..	1	1 unit	103	0.488
		22	63	A	3LD2 565-1GP..	1	1 unit	103	0.935
		37	100	A	3LD2 766-1GP..	1	1 unit	103	1.848
		45	125	A	3LD2 866-1GP..	1	1 unit	103	1.848
3 + N	1 NO + 1 NC	7.5	16	A	3LD2 064-1TC..	1	1 unit	103	0.457
				A	+ <sup>1)</sup> 3LD9 200-5C	1	1 unit	103	0.046
		9.5	25	A	3LD2 164-1GP.. + <sup>1)</sup>	1	1 unit	103	0.487
		▶			3LD9 220-0C	1	1 unit	103	0.039
		11.5	32	A	3LD2 264-1GP.. + <sup>1)</sup>	1	1 unit	103	0.488
		▶			3LD9 220-0C	1	1 unit	103	0.039
		22	63	A	3LD2 565-1GP.. + <sup>1)</sup>	1	1 unit	103	0.935
				A	3LD9 250-0CA	1	1 unit	103	0.080
		37	100	A	3LD2 766-1GP.. + <sup>1)</sup>	1	1 unit	103	1.848
		▶			3LD9 280-0C	1	1 unit	103	0.102
		45	125	A	3LD2 866-1GP.. + <sup>1)</sup>	1	1 unit	103	1.848
		▶			3LD9 280-0C	1	1 unit	103	0.102

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

- 1) 4th contact element as neutral conductor to be ordered separately; see Accessories for floor mounting.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

Molded-plastic enclosures

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements								
	P/AC-3	P/AC-23A	$I_u$							
	kW	kW	A							kg

### Main and EMERGENCY-STOP switches with rotary operating mechanism

- With N or PE/ground terminal
- Degree of protection IP65

#### Metric screwed glands



3LD2 165-3VB53

6	--	7.5	9.5	25	A	3LD2 165-3VB.. 3LD2 265-3VB.. 3LD2 566-3VB..	1	1 unit	103	0.878
		9.5	11.5	32	A		1	1 unit	103	0.878
		18.5	22.0	63	A		1	1 unit	103	2.120

#### Actuators

Black  
Red/yellow (EMERGENCY-STOP)

51  
53

Number and version of the contacts	Rated data at 50 Hz ... 60 Hz 380 V ... 440 V			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Main contact elements	Auxiliary contact elements								
	P/AC-3	P/AC-23A	$I_u$							
	kW	kW	A							kg

### Changeover switches with selector switch operation mechanism, selector switch cannot be locked

- With N or PE/ground terminal
- Black actuator
- Degree of protection IP65

#### Metric screwed glands



3LD2 165-7UB01

6	--	7.5	9.5	25	A	3LD2 165-7UB01 3LD2 265-7UB01 3LD2 566-7UB01 3LD2 766-7UB01	1	1 unit	103	0.888
		9.5	11.5	32	A		1	1 unit	103	0.888
		18.5	22.0	63	A		1	1 unit	103	2.105
		30.0	37.0	100	A		1	1 unit	103	2.335

\* You can order this quantity or a multiple thereof.

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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Accessories










#### Selection and ordering data

		DT	3LD2 0	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			Order No.	Price per PU			kg
<b>For front mounting</b>							
	<b>N or PE terminals</b> Continuous	▶	<b>3LD9 200-2B</b>		1	1 unit	103 0.030
3LD9 200-2B	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5B</b>		1	1 unit	103 0.046
	For mounting on the left and/or right, delayed switch-on, with gold-plate contacts for SIMATIC request, leading switch-off 1 NO + 1 NC	C	<b>3LD9 200-5BF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
<b>For floor mounting/ for distribution board mounting/ 3LD molded plastic</b>							
	<b>N or PE terminals</b> Continuous	▶	<b>3LD9 200-2C</b>		1	1 unit	103 0.032
3LD9 200-2C	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5C</b>		1	1 unit	103 0.046
	For mounting on the left and/or right, delayed switch-on, with gold-plate contacts for SIMATIC request, leading switch-off 1 NO + 1 NC	C	<b>3LD9 200-5CF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
<b>For front and floor mounting</b>							
<b>Rotary operating mechanisms</b> Lockable in 0 position with up to 3 padlocks							
<b>For four-hole mounting</b>							
	Black	A	<b>3LD9 224-1B</b>		1	4 units	103 0.072
	Red/Yellow	A	<b>3LD9 224-3B</b>		1	1 unit	103 0.075
3LD9 224-1B	<b>For center-hole mounting</b>						
	Black	A	<b>3LD9 224-1D</b>		1	1 unit	103 0.080
	Red/Yellow	A	<b>3LD9 224-3D</b>		1	1 unit	103 0.081
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
	<b>Terminal covers as additional touch protection also for installation in distribution boards</b> Can be snapped on at top and bottom 1-pole (1 pack = 4 units) 4-pole (1 pack = 4 units)	A A	<b>3LD9 201-2A</b> <b>3LD9 201-1A</b>		100 1	4 units 4 units	103 0.200 103 0.007
3LD9 201-2A							

# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Accessories

		DT	3LD2 1 and 3LD2 2	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			Order No.	Price per PU			kg
<b>For front mounting</b>							
	<b>4th contacts (N conductors)</b> Leading switch-on, delayed switch-off	▶	<b>3LD9 220-0B</b>		1	1 unit	103 0.039
3LD9 220-0B	<b>N or PE terminals</b> Continuous	▶	<b>3LD9 220-2B</b>		1	1 unit	103 0.036
	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5B</b>		1	1 unit	103 0.046
3LD9 200-5B	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request 1 NO + 1 NC	C	<b>3LD9 200-5BF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
<b>For floor mounting/ for distribution board mounting/ 3LD molded plastic</b>							
	<b>4th contacts (N conductors)</b> Leading switch-on, delayed switch-off	▶	<b>3LD9 220-0C</b>		1	1 unit	103 0.039
3LD9 220-0C	<b>N or PE terminals</b> Continuous	▶	<b>3LD9 220-2C</b>		1	1 unit	103 0.037
	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5C</b>		1	1 unit	103 0.046
3LD9 220-2C	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request 1 NO + 1 NC	C	<b>3LD9 200-5CF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
<b>For front and floor mounting</b>							
<b>Rotary operating mechanisms</b> Lockable in 0 position with up to 3 padlocks							
<b>For four-hole mounting</b>							
	Black	A	<b>3LD9 224-1B</b>		1	4 units	103 0.072
	Red/Yellow	A	<b>3LD9 224-3B</b>		1	1 unit	103 0.075
<b>For center-hole mounting</b>							
	Black	A	<b>3LD9 224-1D</b>		1	1 unit	103 0.080
	Red/Yellow	A	<b>3LD9 224-3D</b>		1	1 unit	103 0.081
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A A	<b>3LD9 286-1A</b> <b>3LD9 286-4A</b>		1 1	10 units 10 units	103 0.005 103 0.005
3LD9 286-1A							
	<b>Terminal covers as additional touch protection also for installation in distribution boards</b> Can be snapped on at top and bottom 1-pole (1 pack = 4 units)	A	<b>3LD9 221-2A</b>		100	4 units	103 0.100
3LD9 221-2A	3-pole (1 pack = 4 units)	A	<b>3LD9 221-0A</b>		1	4 units	103 0.007
							
3LD9 221-0A							

\* You can order this quantity or a multiple thereof.











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# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A














### Accessories

		DT	3LD2 5	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
			Order No.	Price per PU			kg
<b>For front mounting</b>							
	<b>4th contacts (N conductors)</b> Leading switch-on, delayed switch-off	A	<b>3LD9 250-0BA</b>		1	1 unit	103 0.079
3LD9 250-0B	<b>N or PE terminals</b> Continuous	A	<b>3LD9 250-2BA</b>		1	1 unit	103 0.072
	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5B</b>		1	1 unit	103 0.046
3LD9 250-2B	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request 1 NO + 1 NC	C	<b>3LD9 200-5BF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A	<b>3LD9 286-1A</b>		1	10 units	103 0.005
3LD9 286-1A		A	<b>3LD9 286-4A</b>		1	10 units	103 0.005
<b>For floor mounting/ for distribution board mounting/ 3LD molded plastic</b>							
	<b>4th contacts (N conductors)</b> Leading switch-on, delayed switch-off	A	<b>3LD9 250-0CA</b>		1	1 unit	103 0.080
3LD9 250-0CA	<b>N or PE terminals</b> Continuous	A	<b>3LD9 250-2CA</b>		1	1 unit	103 0.073
	<b>Auxiliary switches</b> For mounting on the left and/or right, delayed switch-on, leading switch-off 1 NO + 1 NC	A	<b>3LD9 200-5C</b>		1	1 unit	103 0.046
3LD9 250-2CA	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request 1 NO + 1 NC	C	<b>3LD9 200-5CF</b>		1	5 units	103 0.028
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A	<b>3LD9 286-1A</b>		1	10 units	103 0.005
3LD9 286-1A		A	<b>3LD9 286-4A</b>		1	10 units	103 0.005
<b>For front and floor mounting</b>							
<b>Rotary operating mechanisms</b> Lockable in 0 position with up to 3 padlocks							
<b>For four-hole mounting</b>							
	Black	A	<b>3LD9 284-1B</b>		1	1 unit	103 0.154
3LD9 284-1B	Red/Yellow	A	<b>3LD9 284-3B</b>		1	1 unit	103 0.152
<b>For center-hole mounting</b>							
	Black	A	<b>3LD9 284-1D</b>		1	1 unit	103 0.155
	Red/Yellow	A	<b>3LD9 284-3D</b>		1	1 unit	103 0.155
	<b>Labeling plates</b> German/English (Hauptschalter / Main Switch) Unlabeled	A	<b>3LD9 286-1A</b>		1	10 units	103 0.005
3LD9 286-1A		A	<b>3LD9 286-4A</b>		1	10 units	103 0.005
	<b>Terminal covers as additional touch protection also for installation in distribution boards</b> Can be snapped on at top and bottom 1-pole (1 pack = 4 units)	A	<b>3LD9 251-2A</b>		100	4 units	103 0.100
3LD9 251-2A	3-pole (1 pack = 4 units)	A	<b>3LD9 251-0A</b>		1	4 units	103 0.009
							
3LD9 251-0A							

# 3KA, 3KE, 3LD Switch Disconnectors

## 3LD Main and EMERGENCY-STOP Switches up to 125 A

### Accessories

		DT	3LD2 7 and 3LD2 8	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
			Order No.	Price per PU				kg
<b>For front mounting</b>								
 3LD9 280-0B	<b>4th contacts (N conductors)</b>		▶	<b>3LD9 280-0B</b>	1	1 unit	103	0.101
	Leading switch-on, delayed switch-off							
 3LD9 280-2B	<b>N or PE terminals</b>		▶	<b>3LD9 280-2B</b>	1	1 unit	103	0.092
	Continuous							
<b>Auxiliary switches</b>								
 3LD9 280-5B	For mounting on the left and/or right, delayed switch-on, leading switch-off		A	<b>3LD9 200-5B</b>	1	1 unit	103	0.046
	1 NO + 1 NC							
 3LD9 280-5BF	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request		C	<b>3LD9 200-5BF</b>	1	5 units	103	0.028
	1 NO + 1 NC							
<b>Labeling plates</b>								
 3LD9 286-1A	German/English (Hauptschalter / Main Switch)		A	<b>3LD9 286-1A</b>	1	10 units	103	0.005
	Unlabeled		A	<b>3LD9 286-4A</b>	1	10 units	103	0.005
<b>For floor mounting/ for distribution board mounting/ 3LD molded plastic</b>								
 3LD9 280-0C	<b>4th contacts (N conductors)</b>		▶	<b>3LD9 280-0C</b>	1	1 unit	103	0.102
	Leading switch-on, delayed switch-off							
 3LD9 280-2C	<b>N or PE terminals</b>		▶	<b>3LD9 280-2C</b>	1	1 unit	103	0.093
	Continuous							
<b>Auxiliary switches</b>								
 3LD9 280-5C	For mounting on the left and/or right, delayed switch-on, leading switch-off		A	<b>3LD9 200-5C</b>	1	1 unit	103	0.046
	1 NO + 1 NC							
 3LD9 280-5CF	For mounting on the left and/or right, delayed switch-on, leading switch-off, with gold-plate contacts for SIMATIC request		C	<b>3LD9 200-5CF</b>	1	5 units	103	0.028
	1 NO + 1 NC							
<b>Labeling plates</b>								
 3LD9 286-1A	German/English (Hauptschalter / Main Switch)		A	<b>3LD9 286-1A</b>	1	10 units	103	0.005
	Unlabeled		A	<b>3LD9 286-4A</b>	1	10 units	103	0.005
<b>For front and floor mounting</b>								
<b>Rotary operating mechanisms for four-hole mounting</b>								
 3LD9 284-1B	Lockable in 0 position with up to 3 padlocks		A	<b>3LD9 284-1B</b>	1	1 unit	103	0.154
	Black		A	<b>3LD9 284-3B</b>	1	1 unit	103	0.152
		A						
 3LD9 286-1A	<b>Labeling plates</b>							
	German/English (Hauptschalter / Main Switch)		A	<b>3LD9 286-1A</b>	1	10 units	103	0.005
		A	<b>3LD9 286-4A</b>	1	10 units	103	0.005	
 3LD9 281-2A	<b>Terminal covers as additional touch protection also for installation in distribution boards</b>		A	<b>3LD9 281-2A</b>	1	4 units	103	0.007
	Can be snapped on at top and bottom 1-pole (1 pack = 4 units)							

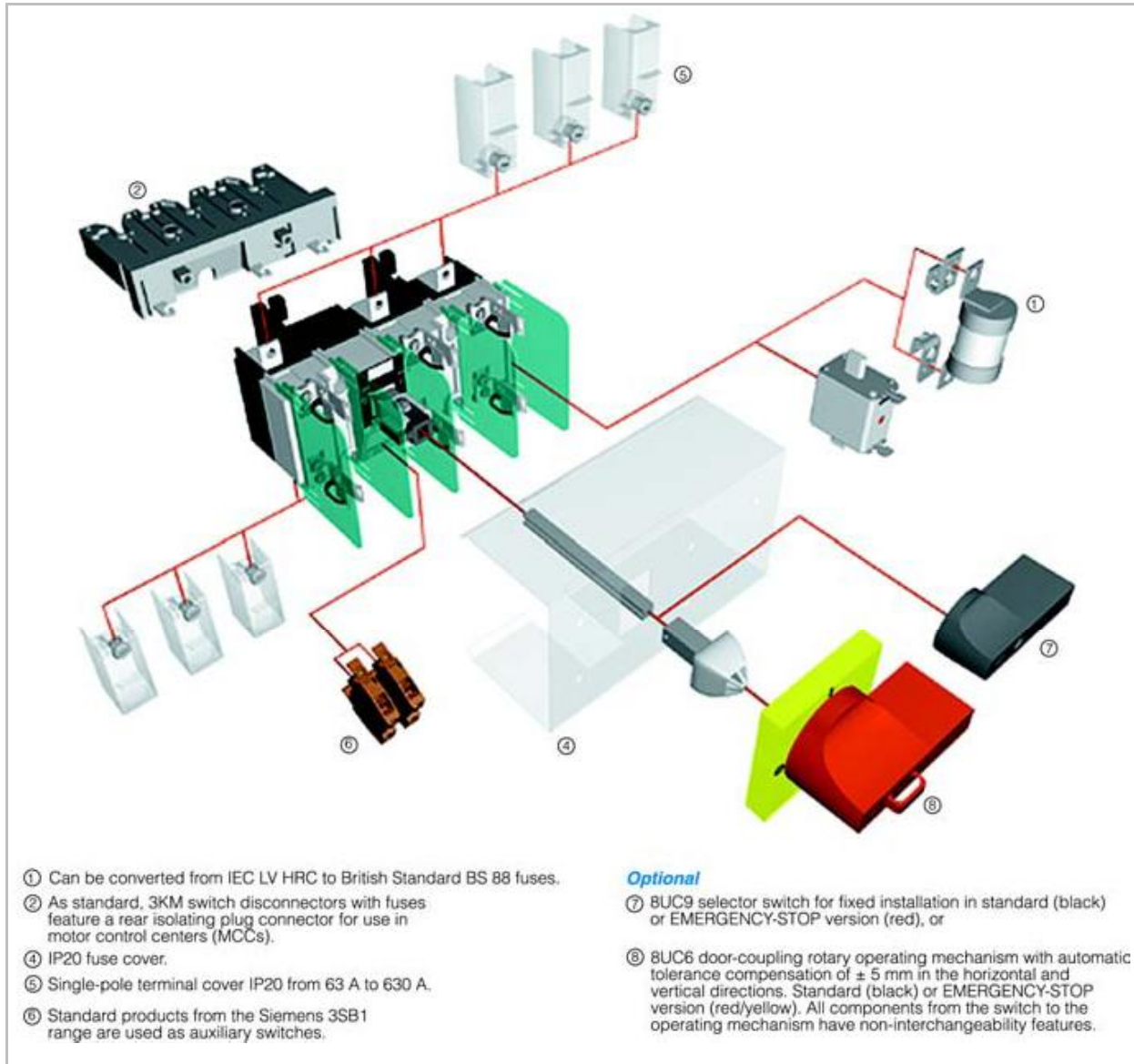
\* You can order this quantity or a multiple thereof.

# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

### General data

### Overview



### Application

3KL switch disconnectors with fuses protect against overload and short-circuits as main control and EMERGENCY-STOP switches of switchboards, distribution boards, power supply and motor feeders. In conjunction with Siemens SITOR semiconductor fuses, they are also used in UPS systems, frequency converters and capacitor control systems.

All 3K switch disconnectors are climate-proof and meet the requirements of IEC 60947-1, IEC 60947-3 and VDE 0660 Part 107.



# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

Surface mounting and installation




### Selection and ordering data

All switch disconnectors with degree of protection IP00

Conductor connecting screws and fuse partitions are generally included in the scope of delivery

Rated uninterrupted current $I_u$	LV HRC fuse links <sup>1)</sup> according to DIN 43620 <sup>2)</sup>		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Size	Operational class							
<b>Complete versions with 8UC6 door-coupling rotary operating mechanism (black handle)</b>									
<b>3-pole for LV HRC fuses</b>									
63	00 and 000	gG, aM	B	<b>3KL50 30-1EB01</b>		1	1 unit	103	1.460
125	00 and 000	gG, aM	B	<b>3KL52 30-1EB01</b>		1	1 unit	103	2.414
160	00 and 000	gG, aM	B	<b>3KL53 30-1EB01</b>		1	1 unit	103	2.600
250	1 and 2	gG, aM	B	<b>3KL55 30-1EB01</b>		1	1 unit	103	6.112
400	2 and 1	gG, aM	B	<b>3KL57 30-1EB01</b>		1	1 unit	103	6.067
630	3 and 2	gG, aM	B	<b>3KL61 30-1EB00</b>		1	1 unit	103	18.070
630	3 and 2	gG, aM	D	<b>3KL61 30-1EB02</b>		1	1 unit	113	15.200
800	3 and 2	gG, aM	D	<b>3KL62 30-1EB02</b>		1	1 unit	113	15.200
<b>4-pole for LV HRC fuses</b>									
63	00 and 000	gG, aM	B	<b>3KL50 40-1EB01</b>		1	1 unit	103	2.542
125	00 and 000	gG, aM	B	<b>3KL52 40-1EB01</b>		1	1 unit	103	2.623
160	00 and 000	gG, aM	C	<b>3KL53 40-1EB01</b>		1	1 unit	103	2.776
250	1 and 2	gG, aM	B	<b>3KL55 40-1EB01</b>		1	1 unit	103	6.642
400	2 and 1	gG, aM	B	<b>3KL57 40-1EB01</b>		1	1 unit	103	6.886
630	3 and 2	gG, aM	B	<b>3KL61 40-1EB00</b>		1	1 unit	103	16.690
<b>3-pole for fuses according to BS 88</b>									
63	Form A2/A3		B	<b>3KL50 30-1EG01</b>		1	1 unit	103	1.455
125	Form A2/A3		B	<b>3KL52 30-1EG01</b>		1	1 unit	103	2.360
125	Form A4		B	<b>3KL52 30-1EJ01</b>		1	1 unit	103	2.406
160	Form A4		B	<b>3KL53 30-1EJ01</b>		1	1 unit	103	2.575
250	Form B1-B3		B	<b>3KL55 30-1EG01</b>		1	1 unit	103	6.115
400	Form B1-B3		B	<b>3KL57 30-1EG01</b>		1	1 unit	103	6.582
630	Form C1-C3		C	<b>3KL61 30-1EG00</b>		1	1 unit	103	16.278
800	Form C1-C3		D	<b>3KL62 30-1EG00</b>		1	1 unit	113	15.400
<b>4-pole for fuses according to BS 88</b>									
63	Form A2/A3		B	<b>3KL50 40-1EG01</b>		1	1 unit	103	2.563
125	Form A2/A3		B	<b>3KL52 40-1EG01</b>		1	1 unit	103	2.560
125	Form A4		B	<b>3KL52 40-1EJ01</b>		1	1 unit	103	2.614
160	Form A4		B	<b>3KL53 40-1EJ01</b>		1	1 unit	103	2.780
250	Form B1-B3		B	<b>3KL55 40-1EG01</b>		1	1 unit	103	6.639
400	Form B1-B3		B	<b>3KL57 40-1EG01</b>		1	1 unit	103	7.148
630	Form C1-C3		C	<b>3KL61 40-1EG00</b>		1	1 unit	103	16.996

### Basic switch versions without handle

<b>3-pole for LV HRC fuses</b>										
	63	00 and 000	gG, aM	▶	<b>3KL50 30-1AB01</b>		1	1 unit	103	1.055
	125	00 and 000	gG, aM	▶	<b>3KL52 30-1AB01</b>		1	1 unit	103	1.989
	160	00 and 000	gG, aM	▶	<b>3KL53 30-1AB01</b>		1	1 unit	103	2.200
	250	1 and 2	gG, aM	▶	<b>3KL55 30-1AB01</b>		1	1 unit	103	5.715
	400	2 and 1	gG, aM	▶	<b>3KL57 30-1AB01</b>		1	1 unit	103	5.400
	630	3 and 2	gG, aM	A	<b>3KL61 30-1AB0</b>		1	1 unit	113	17.696
	630	3 and 2	gG, aM	D	<b>3KL61 30-1AB02</b>		1	1 unit	113	14.000
	800	3 and 2	gG, aM	D	<b>3KL62 30-1AB02</b>		1	1 unit	113	15.200
<b>4-pole for LV HRC fuses</b>										
	63	00 and 000	gG, aM	B	<b>3KL50 40-1AB01</b>		1	1 unit	103	2.219
	125	00 and 000	gG, aM	B	<b>3KL52 40-1AB01</b>		1	1 unit	103	2.195
	160	00 and 000	gG, aM	B	<b>3KL53 40-1AB01</b>		1	1 unit	103	2.344
	250	1 and 2	gG, aM	B	<b>3KL55 40-1AB01</b>		1	1 unit	103	5.577
	400	2 and 1	gG, aM	B	<b>3KL57 40-1AB01</b>		1	1 unit	103	5.670
	630	3 and 2	gG, aM	A	<b>3KL61 40-1AB00</b>		1	1 unit	113	15.423
	<b>3-pole for fuses according to BS 88</b>									
		63	Form A2/A3		B	<b>3KL50 30-1AG01</b>		1	1 unit	103
125		Form A2/A3		B	<b>3KL52 30-1AG01</b>		1	1 unit	103	1.939
125		Form A4		B	<b>3KL52 30-1AJ01</b>		1	1 unit	103	2.033
160		Form A4		B	<b>3KL53 30-1AJ01</b>		1	1 unit	103	2.170
250		Form B1-B3		B	<b>3KL55 30-1AG01</b>		1	1 unit	103	5.145
400		Form B1-B3		B	<b>3KL57 30-1AG01</b>		1	1 unit	103	5.666
630		Form C1-C3		A	<b>3KL61 30-1AG00</b>		1	1 unit	113	15.075
800		Form C1-C3		D	<b>3KL62 30-1AG00</b>		1	1 unit	113	14.200

\* You can order this quantity or a multiple thereof.


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# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

### Surface mounting and installation

A	Rated uninterrupted current $I_u$	LV HRC fuse links <sup>1)</sup> according to DIN 43620 <sup>2)</sup>		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Size	Operational class								
<b>4-pole for fuses according to BS 88</b>										
	63	Form A2/A3		B	<b>3KL50 40-1AG01</b>		1	1 unit	103	2.145
	125	Form A2/A3		B	<b>3KL52 40-1AG01</b>		1	1 unit	103	2.161
	125	Form A4		B	<b>3KL52 40-1AJ01</b>		1	1 unit	103	2.120
	160	Form A4		B	<b>3KL53 40-1AJ01</b>		1	1 unit	103	2.230
	250	Form B1-B3		B	<b>3KL55 40-1AG01</b>		1	1 unit	103	5.666
	400	Form B1-B3		B	<b>3KL57 40-1AG01</b>		1	1 unit	103	6.441
	630	Form C1-C3		C	<b>3KL61 40-1AG00</b>		1	1 unit	113	15.708
<b>8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate) for basic switch versions without handle</b>										
<b>3-pole for LV HRC fuses</b>										
	63	00 and 000	gG, aM	▶	<b>8UC61 21-3BB10</b>		1	1 unit	103	0.353
	125	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	160	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	250	1 and 2	gG, aM	▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	400	2 and 1	gG, aM	▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	630	3 and 2	gG, aM	▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				
	800	3 and 2	gG, aM	▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				
<b>4-pole for LV HRC fuses</b>										
	63	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	125	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	160	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	250	1 and 2	gG, aM	▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	400	2 and 1	gG, aM	▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	630	3 and 2	gG, aM	▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				
<b>3-pole for fuses according to BS 88</b>										
	63	Form A2/A3		▶	<b>8UC61 21-3BB10</b>		1	1 unit	103	0.353
	125	Form A2/A3		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	125	Form A4		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	160	Form A4		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	250	Form B1-B3		▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	400	Form B1-B3		▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	630	Form C1-C3		▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				
	800	Form C1-C3		▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				
<b>4-pole for fuses according to BS 88</b>										
	63	Form A2/A3		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	125	Form A2/A3		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	125	Form A4		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	160	Form A4		▶	<b>8UC62 22-3BB20</b>		1	1 unit	103	0.426
	250	Form B1-B3		▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	400	Form B1-B3		▶	<b>8UC63 23-3BB30</b>		1	1 unit	103	0.999
	630	Form C1-C3		▶	<b>8UC64 24-3BB44</b>		1	1 unit	103	1.189
					+	<b>8UC92 53</b>				

Fuse monitoring through 5TT3 170 safety monitor with a floating 1 NO signal contact, see catalog ET B1 "BETA Modular Installation Devices".

Footnotes: pages 17/33 and 17/34:

- 1) Silver-plated fuse blades. Silver-plated isolating links can be used if desired.
- 2) For use of semiconductor protection fuse links, see SITOR 3NE, 3NC Semiconductor Fuses.

# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

Front mounting

### Selection and ordering data

All switch disconnectors with degree of protection IP00

Conductor connecting screws and fuse partitions are generally included in the scope of delivery

Rated uninterrupted current $I_u$	LV HRC fuse links <sup>1)</sup> according to DIN 43620 <sup>2)</sup>		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A	Size	Operational class							kg
<b>Installation kits (IP40) comprising: Lockable handle, cover for LV HRC fuses (locked in ON state) and three terminal covers for line side for basic switch versions without handle</b>									
<b>3-pole, kits for mounting in control cabinet side panels</b>									
• Black handle									
63	00	gG, aM	B	<b>3KX3 516-3AA</b>		1	1 unit	103	0.626
125	00	gG, aM	B	<b>3KX3 526-3AA</b>		1	1 unit	103	0.820
160	00	gG, aM	B	<b>3KX3 536-3AA</b>		1	1 unit	103	0.880
250	1 and 2	gG, aM	B	<b>3KX3 556-3AA</b>		1	1 unit	103	1.720
400	2 and 1	gG, aM	B	<b>3KX3 556-3AA</b>		1	1 unit	103	1.720
• EMERGENCY-STOP red handle									
63	00	gG, aM	B	<b>3KX3 516-3BA</b>		1	1 unit	103	0.625
125	00	gG, aM	B	<b>3KX3 526-3BA</b>		1	1 unit	103	0.846
160	00	gG, aM	B	<b>3KX3 536-3BA</b>		1	1 unit	103	0.883
250	1 and 2	gG, aM	B	<b>3KX3 556-3BA</b>		1	1 unit	103	1.690
400	2 and 1	gG, aM	B	<b>3KX3 556-3BA</b>		1	1 unit	103	1.690

Fuse monitoring through 5TT3 170 safety monitor with a floating 1 NO signal contact, see catalog ET B1 "BETA Modular Installation Devices".

- 1) Silver-plated fuse blades. Silver-plated isolating links can be used if desired.
- 2) For use of semiconductor protection fuse links, see SITOR 3NE, 3NC Semiconductor Fuses.

\* You can order this quantity or a multiple thereof.

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# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

### Accessories

#### Selection and ordering data

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>3KL50 30</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KX3 552-3DA01</b>	1	1 set	103	0.077
		<b>Fuse covers</b> (interlock only detachable in the OFF position)	▶ <b>3KX3 517-3AA</b>	1	1 unit	103	0.041
3KX3 5.7-3AA							
		<b>Fuse partitions</b> (1 set = 5 units)	▶ <b>3KX3 507-0AA01</b>	1	1 set	103	0.044
	B	<b>Lyre-shaped fuse covers</b> (1 set = 6 units)	<b>3KX3 507-0BA01</b>	1	1 set	103	0.033
3KX3 507-0BA01							
		<b>Door-coupling rotary operating mechanisms IP65</b>					
		Black handle, shaft 300 mm	▶ <b>8UC61 11-1BB10</b>	1	1 unit	103	0.347
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC61 21-3BB10</b>	1	1 unit	103	0.353
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 516-1AA</b>	1	1 unit	103	0.088
	B	<b>Extension shafts, 300 mm long</b>	<b>8UC60 31</b>	1	1 unit	103	0.068
	B	<b>Extension shafts, 600 mm long</b>	<b>8UC60 81</b>	1	1 unit	103	0.136
	B	<b>Shaft connection pieces</b>	<b>8UC60 21</b>	1	1 unit	103	0.031
	C	<b>Auxiliary switches<sup>1)</sup></b> 1 NO + 1 NC	<b>3SB14 00-0A</b>	1	1 unit	102	0.019
3SB14 00-0A							
	B	<b>Fuse monitor connections</b> (1 set = 6 units)	<b>3KX3 505-0AA</b>	1	1 set	103	0.014
<b>3KL50 40/3KL52/3KL53</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KX3 552-3DA01</b> 3KL52	1	1 set	103	0.077
			▶ <b>3KX3 553-3DA01</b> 3KL53	1	1 set	103	0.147
	B	(1 set = 8 units) for 4-pole devices	▶ <b>3KX3 552-3DB01</b> 3KL50 40, 3KL52	1	1 set	103	0.102
	B		▶ <b>3KX3 553-3DB01</b> 3KL53	1	1 set	103	0.170
		<b>Fuse covers</b> (interlock only detachable in the OFF position)	▶ <b>3KX3 527-3AA</b>	1	1 unit	103	0.071
3KX3 5.7-3AA							
		<b>Fuse partitions</b> (1 set = 5 units)	▶ <b>3KX3 507-0AA01</b>	1	1 set	103	0.044
	B	<b>Lyre-shaped fuse covers</b> (1 set = 6 units)	<b>3KX3 507-0BA01</b>	1	1 set	103	0.033
3KX3 507-0BA01							
		<b>Door-coupling rotary operating mechanisms IP65</b>					
		Black handle, shaft 300 mm	▶ <b>8UC62 12-1BB20</b>	1	1 unit	103	0.404
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 536-1AA</b>	1	1 unit	103	0.155
	B	<b>Extension shafts, 300 mm long</b>	<b>8UC60 32</b>	1	1 unit	103	0.132
	B	<b>Extension shafts, 600 mm long</b>	<b>8UC60 82</b>	1	1 unit	103	0.265

1) For more 3SB14 00-0 switching elements with other contact types, see Pushbuttons and Indicator Lights.



# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KL Switch Disconnectors with Fuses up to 800 A

### Accessories

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>3KL61/3KL62</b>							
		<b>Terminal covers</b>					
		(1 set = 6 units) for 3-pole devices		1	1 set	103	0.263
		(1 set = 8 units) for 4-pole devices		1	1 set	103	0.365
		<b>Fuse covers</b>					
		Cover plate		1	1 unit	113	0.408
		Complete cover		1	1 unit	113	0.408
		<b>Door-coupling rotary operating mechanisms IP65</b>					
		Black handle, shaft 300 mm		1	1 unit	103	1.171
				1	1 unit	103	0.115
		EMERGENCY-STOP (yellow/red), shaft 300 mm		1	1 unit	103	1.189
				1	1 unit	103	0.115
		<b>Operating mechanisms for fixed mounting, size 5</b>					
		Black handle, shaft 250 mm		1	1 unit	103	0.490
		<b>Extension shafts, 300 mm long</b>					
				1	1 unit	103	0.315
		<b>Extension shafts, 600 mm long</b>					
				1	1 unit	103	0.640
		<b>Shaft connection pieces</b>					
				1	1 unit	103	0.077
		<b>Auxiliary switches</b>					
		1 NO + 1 NC <sup>1)</sup>		1	1 unit	113	0.201

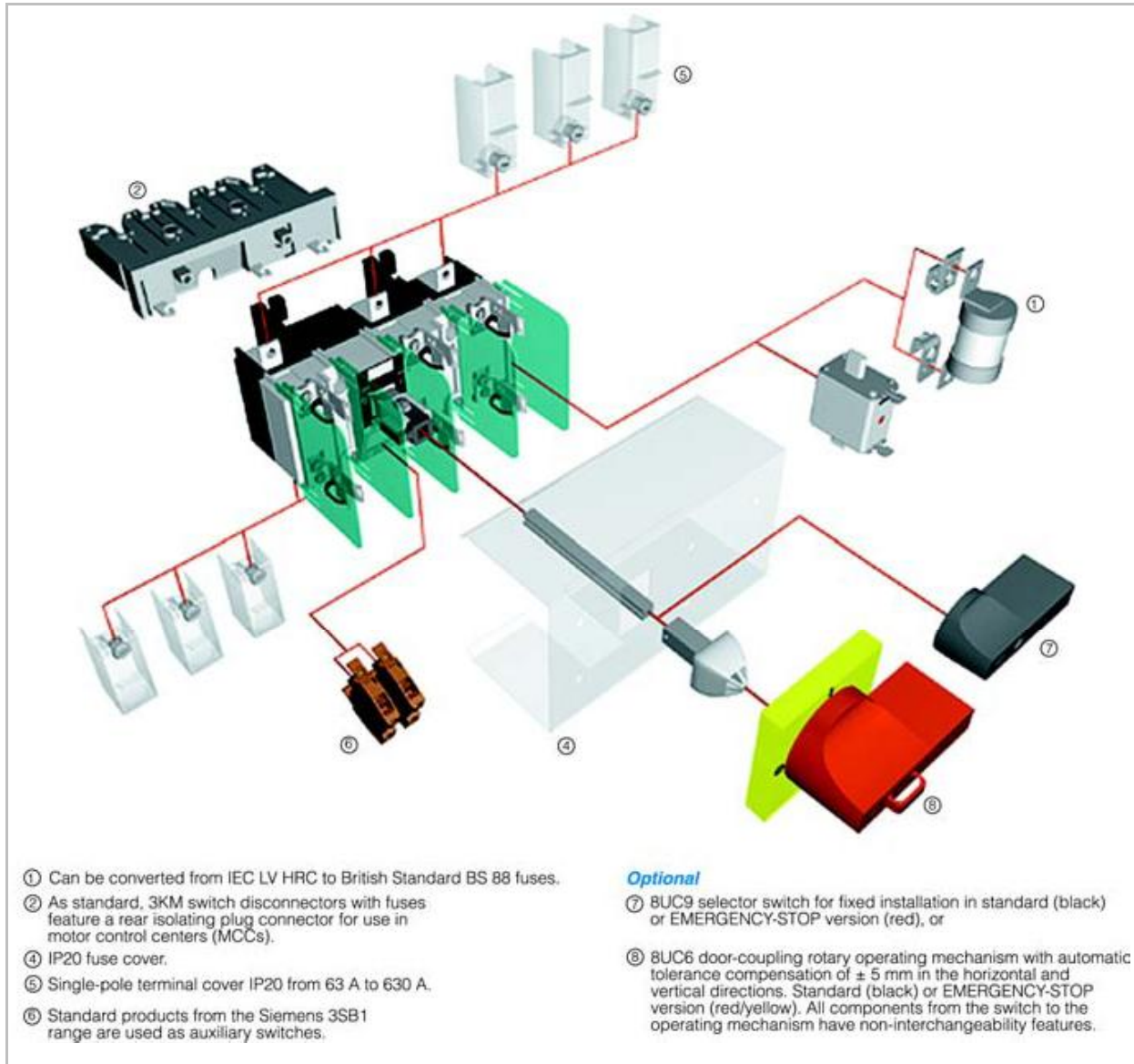
1) For more 3SB14 00-0 switching elements with other contact types, see Pushbuttons and Indicator Lights.

# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KM Switch Disconnectors with Fuses and Isolating Plug Connectors up to 400 A

General data

### Overview



### Application

3KM switch disconnectors with fuses protect against overload and short-circuits as main control and EMERGENCY-STOP switches of switchboards, distribution boards, power supply and motor feeders. In conjunction with Siemens SITOR semiconductor fuses, they are also used in UPS systems, frequency converters and capacitor control systems.

All 3K switch disconnectors are climate-proof and meet the requirements of IEC 60947-1, IEC 60947-3 and VDE 0660 Part 107.



# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KM Switch Disconnectors with Fuses and Isolating Plug Connectors up to 400 A

For snapping onto busbars

### Selection and ordering data

All switch disconnectors with degree of protection IP00

Mounting on vertical busbars with busbar center-to-center distance of 60 mm and bar thickness from 5 mm to 6.35 mm

Conductor connecting screws and fuse partitions are generally included in the scope of delivery

Rated uninterrupted current $I_u$	LV HRC fuse links <sup>1)</sup> according to DIN 43620 <sup>2)</sup>	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
A	Size Operational class							kg

#### 8UC6 complete versions with door-coupling rotary operating mechanism

##### 3-pole for LV HRC fuses

- black handle

63	00 and 000	gG, aM	B	<b>3KM50 30-1EB01</b>	1	1 unit	103	1.890
125	00 and 000	gG, aM	B	<b>3KM52 30-1EB01</b>	1	1 unit	103	2.860
160	00 and 000	gG, aM	B	<b>3KM53 30-1EB01</b>	1	1 unit	103	2.935
250	1 and 2	gG, aM	B	<b>3KM55 30-1EB01</b>	1	1 unit	103	5.670
400	2 and 1	gG, aM	B	<b>3KM57 30-1EB01</b>	1	1 unit	103	6.938

##### 3-pole for fuses according to BS 88

- Complete version with 8UC6 door-coupling rotary operating mechanism (black handle)

125	Form A2/A3		C	<b>3KM52 30-1EG01</b>	1	1 unit	103	2.785
125	Form A4		C	<b>3KM52 30-1EJ01</b>	1	1 unit	103	2.340
160	Form A4		C	<b>3KM53 30-1EJ01</b>	1	1 unit	103	2.926
250	Form B1-B3		C	<b>3KM55 30-1EG01</b>	1	1 unit	103	6.651
400	Form B1-B3		C	<b>3KM57 30-1EG01</b>	1	1 unit	103	7.175

#### Basic switch versions without handle

##### 3-pole for LV HRC fuses



3KM53 30-1AB01 with fuses

63	00 and 000	gG, aM	B	<b>3KM50 30-1AB01</b>	1	1 unit	103	1.515
125	00 and 000	gG, aM	B	<b>3KM52 30-1AB01</b>	1	1 unit	103	2.450
160	00 and 000	gG, aM	B	<b>3KM53 30-1AB01</b>	1	1 unit	103	2.516
250	1 and 2	gG, aM	B	<b>3KM55 30-1AB01</b>	1	1 unit	103	5.698
400	2 and 1	gG, aM	B	<b>3KM57 30-1AB01</b>	1	1 unit	103	5.966

##### 3-pole for fuses according to BS 88



3KM55 30-1AG01 with fuses

63	Form A2/A3		C	<b>3KM50 30-1AG01</b>	1	1 unit	103	1.450
125	Form A2/A3		C	<b>3KM52 30-1AG01</b>	1	1 unit	103	2.405
125	Form A4		C	<b>3KM52 30-1AJ01</b>	1	1 unit	103	2.430
160	Form A4		C	<b>3KM53 30-1AJ01</b>	1	1 unit	103	2.520
250	Form B1-B3		C	<b>3KM55 30-1AG01</b>	1	1 unit	103	5.689
400	Form B1-B3		C	<b>3KM57 30-1AG01</b>	1	1 unit	103	6.250

#### 8UC6 EMERGENCY-STOP door-coupling rotary operating mechanisms (red handle, yellow indicator plate) for basic switch versions without handle

63	00 and 000	gG, aM	▶	<b>8UC61 21-3BB10</b>	1	1 unit	103	0.353
125	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
160	00 and 000	gG, aM	▶	<b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
250	1 and 2	gG, aM	▶	<b>8UC63 23-3BB30</b>	1	1 unit	103	0.999
400	2 and 1	gG, aM	▶	<b>8UC63 23-3BB30</b>	1	1 unit	103	0.999

- 8UC6 EMERGENCY-STOP door-coupling rotary operating mechanism (red handle, yellow indicator plate)

63	Form A2/A3		▶	<b>8UC61 21-3BB10</b>	1	1 unit	103	0.353
125	Form A2/A3		▶	<b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
125	Form A4		▶	<b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
160	Form A4		▶	<b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
250	Form B1-B3		▶	<b>8UC63 23-3BB30</b>	1	1 unit	103	0.999
400	Form B1-B3		▶	<b>8UC63 23-3BB30</b>	1	1 unit	103	0.999

Fuse monitoring through 5TT3 170 safety monitor with a floating 1 NO signal contact, see catalog ET B1 "BETA Modular Installation Devices".

- Silver-plated fuse blades. Silver-plated isolating links can be used if desired.
- For use of semiconductor fuses, see SITOR 3NE, 3NC Semiconductor Fuses.








# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KM Switch Disconnectors with Fuses and Isolating Plug Connectors up to 400 A

### Accessories

#### Selection and ordering data

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>3KM50</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	▶ <b>3KX3 552-3DA01</b>	1	1 set	103	0.077
		<b>Fuse covers</b> (interlock only detachable in the OFF position)	▶ <b>3KX3 517-3AA</b>	1	1 unit	103	0.041
3KX3 5.7-3AA		<b>Fuse partitions</b> (1 set = 5 units)	▶ <b>3KX3 507-0AA01</b>	1	1 set	103	0.044
		<b>Lyre-shaped fuse covers</b> (1 set = 6 units)	B <b>3KX3 507-0BA01</b>	1	1 set	103	0.033
	3KX3 507-0BA01		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm	▶ <b>8UC61 11-1BB10</b>	1	1 unit	103
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC61 21-3BB10</b>	1	1 unit	103	0.353
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 516-1AA</b>	1	1 unit	103	0.088
	B	<b>Extension shafts, 300 mm long</b>	<b>8UC60 31</b>	1	1 unit	103	0.068
	B	<b>Extension shafts, 600 mm long</b>	<b>8UC60 81</b>	1	1 unit	103	0.136
	B	<b>Shaft connection pieces</b>	<b>8UC60 21</b>	1	1 unit	103	0.031
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	C <b>3SB14 00-0A</b>	1	1 unit	102	0.019
	3SB14 00-0A		<b>Fuse monitor connections</b> (1 set = 6 units)	B <b>3KX3 505-0AA</b>	1	1 set	103
<b>3KM52/3KM53</b>							
		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices	3KA52 ▶ <b>3KX3 552-3DA01</b>	1	1 set	103	0.077
			3KA53 ▶ <b>3KX3 553-3DA01</b>	1	1 set	103	0.147
		(1 set = 8 units) for 4-pole devices	3KA52 B <b>3KX3 552-3DB01</b>	1	1 set	103	0.102
			3KA53 B <b>3KX3 553-3DB01</b>	1	1 set	103	0.170
		<b>Fuse covers<sup>2)</sup></b> (interlock only detachable in the OFF position)	▶ <b>3KX3 527-3AA</b>	1	1 unit	103	0.071
3KX3 5.7-3AA		<b>Fuse partitions</b> (1 set = 5 units)	▶ <b>3KX3 507-0AA01</b>	1	1 set	103	0.044
		<b>Lyre-shaped fuse covers</b> (1 set = 6 units)	B <b>3KX3 507-0BA01</b>	1	1 set	103	0.033
	3KX3 507-0BA01		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm	▶ <b>8UC62 12-1BB20</b>	1	1 unit	103
		EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC62 22-3BB20</b>	1	1 unit	103	0.426
		<b>Operating mechanisms for fixed mounting</b> Black handle, shaft 250 mm	▶ <b>3KX3 536-1AA</b>	1	1 unit	103	0.155

1) For more 3SB14 00-0 switching elements with other contact types, see Pushbuttons and Indicator Lights.

2) For 3KX3 527-3AA: Not suitable for use with type A BS fuses.

\* You can order this quantity or a multiple thereof.





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# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3KM Switch Disconnectors with Fuses and Isolating Plug Connectors up to 400 A

### Accessories

	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 <p>3SB14 00-0A</p>		<b>Extension shafts, 300 mm long</b>	<b>8UC60 32</b>	1	1 unit	103	0.132
		<b>Extension shafts, 600 mm long</b>	<b>8UC60 82</b>	1	1 unit	103	0.265
		<b>Shaft connection pieces</b>	<b>8UC60 22</b>	1	1 unit	103	0.023
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	<b>3SB14 00-0A</b>	1	1 unit	102	0.019
		<b>20 ms leading</b> 1 NO + 1 NC	<b>3KX3 552-3EA01</b>	1	1 unit	103	0.019
		<b>Fuse monitor connections</b> (1 set = 6 units)	<b>3KX3 505-0AA</b>	1	1 set	103	0.014
<b>3KM55/3KM57</b>							
 <p>3KX3 5.7-3AA</p>		<b>Terminal covers</b> (1 set = 6 units) for 3-pole devices (1 set = 8 units) for 4-pole devices	▶ <b>3KX3 557-3DA01</b> ▶ <b>3KX3 557-3DB01</b>	1 1	1 set 1 set	103 103	0.277 0.362
		<b>Fuse covers</b> (interlock only detachable in the OFF position)	▶ <b>3KX3 557-3AA</b>	1	1 unit	103	0.212
		<b>Fuse partitions</b> (1 set = 5 units)	▶ <b>3KX3 557-0AA01</b>	1	1 set	103	0.162
 <p>3KX3 176-1E</p>		<b>Door-coupling rotary operating mechanisms IP65</b> Black handle, shaft 300 mm EMERGENCY-STOP (yellow/red), shaft 300 mm	▶ <b>8UC63 13-1BB30</b> ▶ <b>8UC63 23-3BB30</b>	1 1	1 unit 1 unit	103 103	0.973 0.999
		<b>Operating mechanisms for fixed mounting, size 3</b> Black handle, shaft 250 mm	▶ <b>3KX3 176-1E</b>	1	1 unit	103	0.285
		<b>Extension shafts, 300 mm long</b>	<b>8UC60 33</b>	1	1 unit	103	0.217
 <p>3SB14 00-0A</p>		<b>Extension shafts, 600 mm long</b>	<b>8UC60 83</b>	1	1 unit	103	0.430
		<b>Shaft connection pieces</b>	<b>8UC60 23</b>	1	1 unit	103	0.085
		<b>Auxiliary switches</b> 1 NO + 1 NC <sup>1)</sup>	<b>3SB14 00-0A</b>	1	1 unit	102	0.019
		<b>20 ms leading</b> 1 NO + 1 NC	<b>3KX3 552-3EA01</b>	1	1 unit	103	0.019
		<b>Fuse monitor connections</b> (1 set = 6 units)	<b>3KX3 505-0AA</b>	1	1 set	103	0.014

1) For more 3SB14 00-0 switching elements with other contact types, see Pushbuttons and Indicator Lights.



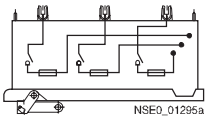
# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses

## 3NJ6 In-Line Switch Disconnectors with Fuses up to 630 A

### Single-breaks

#### Selection and ordering data

Size	Rated uninter- rupted current $I_u$ at 500 V AC	For LV HRC fuse links according to DIN 43620	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
A		Size							
<b>3-pole</b>									
00	160	00 and 000	A	<b>3NJ61 10-3EA01-0BB0</b>		1	1 unit	113	4.298
1	250	1	A	<b>3NJ61 20-3EA01-0BB0</b>		1	1 unit	113	7.768
2	400	2 and 1	A	<b>3NJ61 40-3EA01-0BB0</b>		1	1 unit	113	16.050
3	630	3, 2 and 1	A	<b>3NJ61 60-3EA01-0BB0</b>		1	1 unit	113	16.342
<b>3-pole, with COM function</b>									
00	160	00 and 000	C	<b>3NJ61 10-3EC01-0BB0</b>		1	1 unit	113	4.000
1	250	1	C	<b>3NJ61 20-3EC01-0BB0</b>		1	1 unit	113	7.000
2	400	2 and 1	C	<b>3NJ61 40-3EC01-0BB0</b>		1	1 unit	113	16.000
3	630	3, 2 and 1	C	<b>3NJ61 60-3EC01-0BB0</b>		1	1 unit	113	17.000



### Single-breaks with fuse monitoring

#### Selection and ordering data

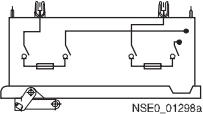
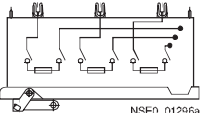
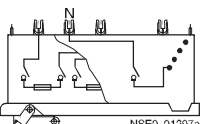
Size	Rated uninter- rupted current $I_u$ at 500 V AC	For LV HRC fuse links according to DIN 43620	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
A		Size							
<b>3-pole, with electronic fuse monitoring (EFM)</b>									
00	160	00 and 000	A	<b>3NJ61 10-3EB01-0BB0</b>		1	1 unit	113	4.468
1	250	1	A	<b>3NJ61 20-3EB01-0BB0</b>		1	1 unit	113	7.870
2	400	2 and 1	A	<b>3NJ61 40-3EB01-0BB0</b>		1	1 unit	113	16.655
3	630	3, 2 and 1	A	<b>3NJ61 60-3EB01-0BB0</b>		1	1 unit	113	17.083

# 3KL, 3KM, 3NJ6 Switch Disconnectors with Fuses 3NJ6 In-Line Switch Disconnectors with Fuses up to 630 A

Double-breaks

## Selection and ordering data

All 3NJ6 in-line switch disconnectors with fuses are designed for cable lug connection as standard. The center-to-center distance of the plug-in contacts is 185 mm.

Size	Rated uninterrupted current $I_n$ at 500 V AC	For LV HRC fuse links according to DIN 43620	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
		A	Size							
<b>2-pole</b>										
 NSE0_01298a	00	160	00 and 000	C	<b>3NJ61 10-2MA01-0BB0</b>		1	1 unit	113	4.066
	1	250	1	C	<b>3NJ61 20-2MA01-0BB0</b>		1	1 unit	113	7.608
	2	400	2 and 1	C	<b>3NJ61 40-2MA01-0BB0</b>		1	1 unit	113	14.707
	3	630	3, 2 and 1	C	<b>3NJ61 60-2MA01-0BB0</b>		1	1 unit	113	15.232
<b>3-pole</b>										
 NSE0_01296a	00	160	00 and 000	A	<b>3NJ61 10-3MA01-0BB0</b>		1	1 unit	113	4.358
	1	250	1	A	<b>3NJ61 20-3MA01-0BB0</b>		1	1 unit	113	8.423
	2	400	2 and 1	A	<b>3NJ61 40-3MA01-0BB0</b>		1	1 unit	113	17.455
	3	630	3, 2 and 1	A	<b>3NJ61 60-3MA01-0BB0</b>		1	1 unit	113	17.740
<b>4-pole</b>										
 NSE0_01297a	00	160	00 and 000	C	<b>3NJ61 10-4MA01-0BB0</b>		1	1 unit	113	6.164
	1	250	1	C	<b>3NJ61 20-4MA01-0BB0</b>		1	1 unit	113	10.380
	2	400	2 and 1	C	<b>3NJ61 40-4MA01-0BB0</b>		1	1 unit	113	18.900
	3	630	3, 2 and 1	C	<b>3NJ61 60-4MA01-0BB0</b>		1	1 unit	113	20.000

Double-breaks  
with fuse monitoring

## Selection and ordering data

Size	Rated uninterrupted current $I_n$ at 500 V AC	For LV HRC fuse links according to DIN 43620	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
		A	Size							
<b>2-pole, with electronic fuse monitoring (EFM)</b>										
	00	160	00 and 000	C	<b>3NJ61 10-2MB01-0BB0</b>		1	1 unit	113	4.000
	1	250	1	C	<b>3NJ61 20-2MB01-0BB0</b>		1	1 unit	113	7.000
	2	400	2 and 1	C	<b>3NJ61 40-2MB01-0BB0</b>		1	1 unit	113	14.000
	3	630	3, 2 and 1	C	<b>3NJ61 60-2MB01-0BB0</b>		1	1 unit	113	15.000
<b>3-pole, with electronic fuse monitoring (EFM)</b>										
	00	160	00 and 000	A	<b>3NJ61 10-3MB01-0BB0</b>		1	1 unit	113	4.556
	1	250	1	A	<b>3NJ61 20-3MB01-0BB0</b>		1	1 unit	113	8.547
	2	400	2 and 1	A	<b>3NJ61 40-3MB01-0BB0</b>		1	1 unit	113	17.225
	3	630	3, 2 and 1	A	<b>3NJ61 60-3MB01-0BB0</b>		1	1 unit	113	17.900
<b>4-pole, with electronic fuse monitoring (EFM)</b>										
	00	160	00 and 000	C	<b>3NJ61 10-4MB01-0BB0</b>		1	1 unit	113	6.000
	1	250	1	C	<b>3NJ61 20-4MB01-0BB0</b>		1	1 unit	113	10.000
	2	400	2 and 1	C	<b>3NJ61 40-4MB01-0BB0</b>		1	1 unit	113	18.000
	3	630	3, 2 and 1	C	<b>3NJ61 60-4MB01-0BB0</b>		1	1 unit	113	20.000

### Note

Accessories, technical specifications and more information can be found in the Mall, the electronic catalog CA01 or as pdfs for downloading from <http://www.siemens.com>

\* You can order this quantity or a multiple thereof.

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

### General data

#### Application

SENTRON 3NP4 and 3NP5 fuse switch disconnectors are controls for the occasional manual switching/isolating of loads and distribution boards. They are able to switch on, control and switch off the specified rated current (including a specific overload).

With the SENTRON 3NP4 and 3NP5 fuse switch disconnectors, all poles of downstream electric loads can be safely disconnected from the system under load.

The SENTRON 3NP4 and 3NP5 fuse switch disconnectors are ideally suited to surface mounting and flush mounting in distribution boards (e.g. ALPHA, SIKUS), meter cabinets (e.g. ALPHA 400-ZS), and molded-plastic distribution systems such as 8HP.

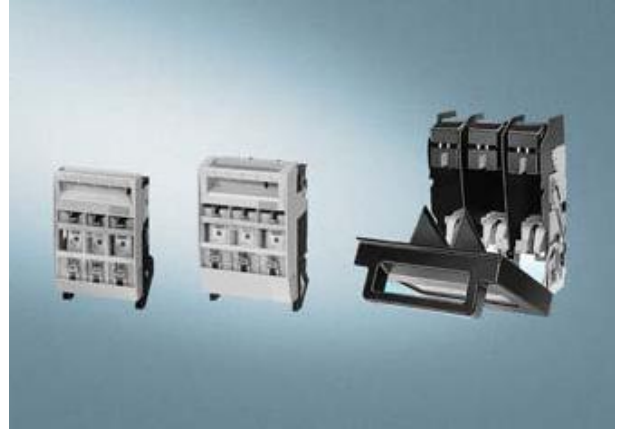
The ability to mount them on a range of different busbar systems allows their very diverse implementation in switchgear cabinet and control engineering.

The SENTRON 3NP4 NH 000<sup>2)</sup> and NH 00 sizes can be snapped onto a 35 mm standard mounting rail and are ideal for operation in combination with other switching devices, for example in capacitor modules for reactive power compensation.

#### **SENTRON 3NP4 and 3NP5 fuse switch disconnectors**

In conjunction with semiconductor protection fuses (e.g. SITOR), these are used for the effective protection of frequency converters and soft starters.

#### **SENTRON 3NP fuse switch disconnectors**



**3NP40 10      3NP40 70      3NP52 with open fuse carrier**

The SENTRON 3NP4 and 3NP5 fuse switch disconnectors are suitable for use in any climate and comply with standards IEC 60947-1, IEC 60947-3 and DIN VDE 0660 Part 107.

The SENTRON 3NP5 series and the 3NP40 1 and 3NP40 7 variants are available as tin-plated version for use in extremely sulfurous atmospheres (available on request).

In addition, the SENTRON 3NP5 series of fuse switch disconnectors complies with the requirements of BS 5419 and is also approved for marine applications.<sup>1)</sup>

All SENTRON 3NP4 and 3NP5 fuse switch disconnectors can be sealed as standard (or can be sealed through accessories).

1) Always use approved fuse links.

2) Corresponds to fuse size LV HRC 000 (LV HRC 00C) or LV HRC 00 with reduced dimensions; maximum width 21 mm according to IEC 60269-2-1 and DIN VDE 43620.




# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution

### Selection and ordering data

#### Surface mounting and installation

A	Rated uninterrupted current $I_u$	Conductor connection (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	For isolating links <sup>2)</sup>	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
		Connection	For conductor cross-section $mm^2$	Size	Size	Order No.	Price per PU				
<b>Up to 160 A for snapping onto standard mounting rails</b>											
 3NP40 10	160 <sup>3)</sup>	Box terminal	1.5 – 50	000 <sup>4)</sup>	00	▶	<b>3NP40 10-0CH01</b>	1	1 unit	103	0.512
	160	Flat connector (M8)	Up to 2 × 70	00 and 000	00	▶	<b>3NP40 70-0CA01</b>	1	1 unit	103	0.749
Box terminal		2.5 – 70 or 2 × 2.5 – 16			▶	<b>3NP40 70-0CH01</b>	1	1 unit	103	0.800	
 3NP40 70	250	Flat connector	Up to 150 (M10)	1 and 0	1 and 0	▶	<b>3NP42 70-0CA01</b>	1	1 unit	103	2.436
	400	Flat connector	Up to 240 (M10)	2 and 1	2 and 1	▶	<b>3NP43 70-0CA01</b>	1	1 unit	103	3.614
	630	Flat connector	Up to 2 × 240 (M12)	3 and 2	3 and 2	▶	<b>3NP44 70-0CA01</b>	1	1 unit	103	4.984
 3NP42 70											

For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) Insert silver-plated isolating links.
- 3) 125/160 A only possible with 21-mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) fuse links, see Accessories.
- 4) Corresponds LV HRC fuse links size 00 with a maximum width of 21 mm (according to IEC 60269-2-1 and DIN 43620).

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution

For 40 mm busbar systems

Rated uninterrupted current $I_u$	Conductor connections (on both sides)	For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	For isolating links <sup>2)</sup>	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
					Order No.	Price per PU				
A	Connection For conductor cross-section mm <sup>2</sup>	Size	Size							kg
<b>Busbars with a width of 12 mm or 15 mm and a thickness of 5 mm or 10 mm<sup>3)</sup></b>										
<b>With adapter, deep, e.g. for mounting in ALPHA meter cabinets (ALPHA 400-ZS) and ALPHA distribution boards (STAB/SIKUS)</b>										
160 <sup>4)</sup>	Box terminal	1.5 – 50								
	Connection, top	000 <sup>5)</sup>	00	A	<b>3NP40 15-0CK01</b>		1	1 unit	103	0.952
	Connection, bottom			A	<b>3NP40 15-0CJ01</b>		1	1 unit	103	0.970
160	Flat connector	Up to 2 × 70 (M8)								
	Connection, top	00 and 000	00	A	<b>3NP40 75-0CE01</b>		1	1 unit	103	1.210
	Connection, bottom			A	<b>3NP40 75-0CF01</b>		1	1 unit	103	1.244
	Box terminal	2.5 – 70 or 2 × 2.5 – 16								
	Connection, top	00 and 000	00	A	<b>3NP40 75-0CK01</b>		1	1 unit	103	1.290
	Connection, bottom			A	<b>3NP40 75-0CJ01</b>		1	1 unit	103	1.274
<b>With adapter, flat, to DIN 43620 Part 6, for general applications and ALPHA distribution boards (STAB/SIKUS)</b>										
160 <sup>4)</sup>	Box terminal	1.5 – 50								
	Connection, top	000 <sup>5)</sup>	00	A	<b>3NP40 15-1CK01</b>		1	1 unit	103	0.892
	Connection, bottom			B	<b>3NP40 15-1CJ01</b>		1	1 unit	103	0.888
160	Flat connector	Up to 2 × 70 (M8)								
	Connection, top	00 and 000	00 a. 000	A	<b>3NP40 75-1CE01</b>		1	1 unit	103	1.186
	Connection, bottom			A	<b>3NP40 75-1CF01</b>		1	1 unit	103	1.189
	Box terminal	2.5 – 70 or 2 × 2.5 – 16								
	Connection, top	00 and 000	00 a. 000	A	<b>3NP40 75-1CK01</b>		1	1 unit	103	1.261
	Connection, bottom			A	<b>3NP40 75-1CJ01</b>		1	1 unit	103	1.213
250	Flat connector	Up to 240 (M10)								
	Connection from bottom or top	1 and 0	1 and 0	A	<b>3NP42 75-1CG01</b>		1	1 unit	103	3.719

For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- Insert silver-plated isolating links.
- For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see Accessories. 3NP44 can only be fitted on 10 mm thick busbars.
- 125/160 A only possible with 21-mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) fuse links, see Accessories.
- Corresponds LV HRC fuse links size 00 with a maximum width of 21 mm (according to IEC 60269-2-1 and DIN 43620).



# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution

### For 60 mm busbar systems

Rated uninterrupted-current $I_u$	Conductor connections (on both sides)	For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	For isolating links <sup>2)</sup>	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
					Order No.	Price per PU					
A	Connection	For conductor cross-section mm <sup>2</sup>	Size	Size							
<b>Busbars of width 12 mm to 30 mm and thickness 5 mm or 10 mm<sup>3)</sup> flat, T and I profiles, as well as on Rittal PLS systems</b>											
160 <sup>4)</sup>	Box terminal <sup>5)</sup>	1.5 – 50	000 <sup>4)</sup>	00	A	<b>3NP40 16-1CK01</b>		1	1 unit	103	0.916
		Connection, top Connection, bottom				<b>3NP40 16-1CJ01</b>					
160	Flat connector	Up to 2 x 70 (M8)	00 and 000	00	A	<b>3NP40 76-1CE01</b>		1	1 unit	103	1.203
		Connection, top Connection, bottom				<b>3NP40 76-1CF01</b>					
	Box terminal <sup>5)</sup>	2.5 – 70 or 2 x 2.5 – 16	00 and 000	00	B	<b>3NP40 76-1CK01</b>		1	1 unit	103	1.295
		Connection, top Connection, bottom				<b>3NP40 76-1CJ01</b>					
250	Flat connector	Up to 150 (M10)	1 and 0	1 and 0	▶	<b>3NP42 76-1CG01</b>		1	1 unit	103	3.713
		Connection from bottom or top									
400	Flat connector	Up to 240 (M10)	2 and 1	2 and 1	▶	<b>3NP43 76-1CG01</b>		1	1 unit	103	5.440
		Connection from bottom or top									
630	Flat connector	Up to 2 x 240 (M12)	3 and 2	3 and 2	▶	<b>3NP44 76-1CG01</b>		1	1 unit	103	7.688
		Connection from bottom or top									



3NP40 16



3NP42 76

For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) Insert silver-plated isolating links.
- 3) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see Accessories. 3NP44 can only be fitted on 10 mm thick busbars.
- 4) 125/160 A only possible with 21 mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) LV HRC fuse links, see Accessories.
- 5) No further cover required for 3NP40 with box terminal.

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
with fuse monitoring

### Selection and ordering data

With fuse monitoring by SIRIUS circuit-breakers<sup>1)2)</sup>

Surface mounting and installation

Rated uninterrupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>3)</sup>	For isolating links <sup>4)</sup>	DT	Degree of protection IP00, without fuse links, without isolating links with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section $mm^2$								
<b>Up to 160 A for snapping onto standard mounting rails</b>										
160	Flat connector	Up to 2 x 70 (M8)	00 and 000	00	A	<b>3NP40 70-0FA01</b>	1	1 unit	103	1.276
	Box terminal	2.5 – 70 or 2 x 2.5 – 16			A	<b>3NP40 70-0FH01</b>	1	1 unit	103	1.350
250	Flat connector	Up to 150 (M10)	1 and 0	1 and 0	A	<b>3NP42 70-0FA01</b>	1	1 unit	103	2.940
400	Flat connector	Up to 240 (M10)	2 and 1	2 and 1	A	<b>3NP43 70-0FA01</b>	1	1 unit	103	4.174
630	Flat connector	Up to 2 x 240 (M12)	3 and 2	3 and 2	A	<b>3NP44 70-0FA01</b>	1	1 unit	103	5.495



For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- 1) SIRIUS circuit-breaker, as standard with auxiliary switch 1 NO +1 NC. On request, 3NP40 7 also with auxiliary switch 2 NO or 2 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see Accessories. For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm x 0.5 mm flat connector to DIN 46244-A.
- 3) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 4) Insert silver-plated isolating links.

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
with fuse monitoring

With fuse monitoring by SIRIUS circuit-breakers<sup>1) 2)</sup>

For 40 mm busbar systems

A	Rated uninterrupted current $I_u$	Conductor connections (on both sides) Connection	For LV HRC fuse links according to DIN 43620 <sup>3)</sup> For conductor cross-section mm <sup>2</sup> Size	For isolating links <sup>4)</sup> Size	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
						Order No.	Price per PU				
<b>Busbars with a width of 12 mm or 15 mm and a thickness of 5 mm or 10 mm<sup>5)</sup></b>											
<b>With adapter, deep, e.g. for mounting in ALPHA meter cabinets (ALPHA 400-ZS) and ALPHA distribution boards (STAB/SIKUS)</b>											
160	Flat connector	Up to 2 x 70 (M8) Connection, top Connection, bottom	00 and 000	00	B	3NP40 75-0FE01		1	1 unit	103	1.812
						3NP40 75-0FF01					
	Box terminal	2.5 – 70 or 2 x 2.5 – 16 Connection, top Connection, bottom	00 and 000	00	B	3NP40 75-0FK01		1	1 unit	103	1.820
						3NP40 75-0FJ01					
<b>With adapter, flat, to DIN 43620 Part 6, for general applications and ALPHA distribution boards (STAB/SIKUS)</b>											
160	Flat connector	Up to 2 x 70 (M8) Connection, top Connection, bottom	00 and 000	00 a. 000	B	3NP40 75-1FE01		1	1 unit	103	1.616
						3NP40 75-1FF01					
	Box terminal	2.5 – 70 or 2 x 2.5 – 16 Connection, top Connection, bottom	00 and 000	00 a. 000	B	3NP40 75-1FK01		1	1 unit	103	1.717
						3NP40 75-1FJ01					
250	Flat connector	Up to 240 (M10) Connection from top or bottom	1 and 0	1 and 0	A	3NP42 75-1FG01		1	1 unit	103	4.210



For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- 1) SIRIUS circuit-breaker, as standard with auxiliary switch 1 NO + 1 NC. On request, 3NP40 7 also with auxiliary switch 2 NO or 2 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see Accessories. For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm x 0.5 mm flat connector to DIN 46244-A.
- 3) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 4) Insert silver-plated isolating links.
- 5) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see Accessories. 3NP44 can only be fitted on 10 mm thick busbars.

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
with fuse monitoring

With fuse monitoring by SIRIUS circuit-breakers<sup>1)2)</sup>

For 60 mm busbar systems

Rated uninter- rupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>3)</sup>	For isolat- ing links <sup>4)</sup>	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.  kg
	A	Connet- tion	For conductor cross-section mm <sup>2</sup>	Size	Size	Order No.	Price per PU				
<b>Busbars of width 12 mm to 30 mm and thickness 5 mm or 10 mm<sup>5)</sup> flat, T and I profiles, as well as on Rittal PLS systems</b>											
160	Flat con- nector	Up to 2 x 70 (M8) Connection, top Connection, bottom	00 and 000	00	B	3NP40 76-1FE01		1	1 unit	103	1.670
											A
	Box ter- minal	2.5 – 70 or 2 x 2.5 – 16 Connection, top Connection, bottom	00 and 000	00	B	3NP40 76-1FK01		1	1 unit	103	
											B
250	Flat con- nector	Up to 150 (M10) Connection from bottom or top	1 and 0	1 and 0	A	3NP42 76-1FG01		1	1 unit	103	
400	Flat con- nector	Up to 240 (M10) Connection from bottom or top	2 and 1	2 and 1	A	3NP43 76-1FG01		1	1 unit	103	5.845
630	Flat con- nector	Up to 2 x 240 (M12) Connection from bottom or top	3 and 2	3 and 2	A	3NP44 76-1FG01		1	1 unit	103	8.235

For all fuse switch disconnectors with flat connector connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see Accessories.

- 1) SIRIUS circuit-breaker, as standard with auxiliary switch 1 NO + 1 NC.  
On request, 3NP40 7 also with auxiliary switch 2 NO or 2 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see Accessories. For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm x 0.5 mm flat connector to DIN 46244-A.
- 3) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 4) Insert silver-plated isolating links.
- 5) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see Accessories. 3NP44 can only be fitted on 10 mm thick busbars.



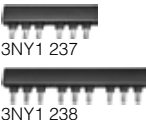

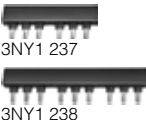


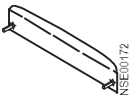
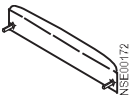
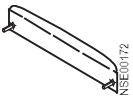
# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
Accessories

### Selection and ordering data

#### With fuse monitoring

	For fuse switch disconnectors	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
	<b>Quick-fitting retaining plates</b> Between 2 rails EN 50022 and EN 50023									
	Center-to-center clearance 125 mm	3NP40 10, 3NP40 70		B	<b>3NY1 995</b>		1	1 unit	103	0.135
	Center-to-center clearance 125 mm	3NP42 70		B	<b>3NY7 322</b>		1	1 unit	103	0.249
	<b>Cable lug covers</b> and finger-safe according to BGV A2 (1 set=2 units) for 1 mounting device or 2 adapter devices									
		3NP40 7 with flat connector <sup>1)</sup>		▶	<b>3NY7 101</b>		1	1 set	103	0.065
		3NP42 7		▶	<b>3NY7 121</b>		1	1 set	103	0.220
		3NP43 3NP44		▶	<b>3NY7 131</b> <b>3NY7 141</b>		1	1 set	103	0.221 0.319
	<b>Connection terminals</b> (1 set = 3 units)									
		3NP42 7	Conductor cross-section 70 mm <sup>2</sup> - 150 mm <sup>2</sup>	B	<b>3NY7 120</b>		1	1 set	103	0.333
		3NP43	120 mm <sup>2</sup> - 240 mm <sup>2</sup>	B	<b>3NY7 130</b>		1	1 set	103	0.583
		3NP44	150 mm <sup>2</sup> - 300 mm <sup>2</sup>	B	<b>3NY7 140</b>		1	1 set	103	0.725
	<b>Triple terminals</b> (1 set = 3 units)									
	For fitting to box terminals	3NP40 1, 3NP40 7	Conductor cross-section Solid/stranded: 2.5 mm <sup>2</sup> - 16 mm <sup>2</sup>	B	<b>3NY7 102</b>		1	1 set	103	0.131
	For fitting to flat connector	3NP40 7	Finely stranded with end sleeve: 2.5 mm <sup>2</sup> - 10 mm <sup>2</sup>	B	<b>3NY7 105</b>		1	1 set	103	0.113
	<b>Three-phase busbars</b> Modular width 90 mm = 5 MW									
		3NP40 1	For I <sub>u</sub> max = 225 A For 2 switch disconnectors	A	<b>3NY1 237</b>		1	1 unit	103	0.265
	Permissible connection 25 mm <sup>2</sup> or infeed terminal		For 3 switch disconnectors	A	<b>3NY1 238</b>		1	1 unit	103	0.434
			For 4 switch disconnectors Link rail	A	<b>3NY1 438</b> <b>3NY1 263</b>		1	1 unit	103	0.650 0.267
	<b>Caps</b> For 1 blank space in 3NY1 238									
		3NP40 1		A	<b>3NY1 265</b>		1	1 unit	103	0.012
	<b>Feed-in terminals</b> (1 set = 3 units) for I <sub>u</sub> max = 225 A									
		3NP40 1	Conductor cross-section Solid/stranded: 25 mm <sup>2</sup> - 95 mm <sup>2</sup> Finely stranded with end sleeve: 16 mm <sup>2</sup> - 70 mm <sup>2</sup>	A	<b>3NY1 236</b>		1	1 set	103	0.262
	<b>Overreaching protection</b>									
		3NP42 7, 3NP43, 3NP44		B	<b>3NY7 481</b>		1	1 unit	103	0.021
	<b>Sealing pins</b> (1 pack = 10 units)									
		3NP42 7, 3NP43, 3NP44		B	<b>3NY7 482</b>		1	10 units	103	0.056
	<b>Busbar thickness compensators</b> (1 kit = 5 parts) for only 5 mm thick busbars									
		3NP42 7, 3NP43		B	<b>3NY7 381</b>		1	1 set	103	0.064

1) The fuse switch disconnector can be used in the meter cabinet with the cable lug cover mounted in combination with molded-plastic masking frames for the distribution board or switchpanel or the incoming-feeder panel without any problems.

\* You can order this quantity or a multiple thereof.


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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
Accessories

	For fuse switch disconnectors	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
 3NY3 035	<b>Handle units</b>									
	Gray with inscription label	3NP40 1		B	<b>3NY7 003</b>		1	1 unit	103	0.160
	with voltage inspection holes	3NP40 7		B	<b>3NY7 001</b>		1	1 unit	103	0.220
	<b>Auxiliary switches 1 CO</b>									
		3NP40 1 to 3NP44		▶	<b>3NY3 035</b>		1	1 unit	103	0.004
	For sizes 000 and 00 with self-tapping screws for sizes 1 to 3 to clip on									
	<b>Solid-state compatible</b>									
				B	<b>3NY3 030</b>		1	1 unit	103	0.004
	<b>Fuse links size 000</b>									
	With non-insulated grip lugs, gL/gG operational class for cable and line protection, overall width 21 mm according to IEC 60269-2-1 and DIN 43620	3NP40 1	400 V/125 A 400 V/160 A	B	<b>3NY1 822</b>		1	1 unit	103	0.130
			B	<b>3NY1 824</b>		1	1 unit	103	0.129	
<b>Signal cables</b>										
For connection to size 00 fuse monitor output socket										
1 m cable with plug	3NP40 7		B	<b>3NY1 910</b>		1	1 unit	103	0.097	
3 m cable with plug	3NP40 7		B	<b>3NY1 911</b>		1	1 unit	103	0.261	


# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
Assembly kits for distribution boards

### Selection and ordering data

#### Masking frames

	For fuse switch disconnectors	Height x Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
		mm							
<b>For installation in 40 mm and 60 mm busbar systems</b>									
<b>Touch protection covers<sup>3)</sup></b>									
	3NP40 75, 3NP40 76		B	<b>3NY7 601</b>		1	1 unit	103	0.125
<b>For installation in any distribution board</b>									
<b>Molded-plastic masking frames</b>									
 3NY1 251	3NP40 1	215 x 130	A	<b>3NY1 251</b>		1	1 unit	103	0.052
	3NP40 7 with box terminals	215 x 130	▶	<b>3NY7 200</b>		1	1 unit	103	0.037
	3NP40 7 with flat connector	215 x 130	▶	<b>3NY7 201</b>		1	1 unit	103	0.046
	3NP42 7	375 x 220	▶	<b>3NY7 220</b>		1	1 unit	103	0.112
	3NP43	375 x 245	B	<b>3NY7 230</b>		1	1 unit	103	0.117
	3NP44	375 x 290	B	<b>3NY7 240</b>		1	1 unit	103	0.125
<b>For installation in ALPHA 400-ZS meter cabinets, see the publication "Installation and Mounting", Order No. E20001-P285-A526-V1</b>									
<b>Molded-plastic masking frames</b>									
Suitable for distribution board/switch-panel or incoming-feeder unit in meter cabinet (mounting on busbar)	2 x 3NP40 1	197 x 215.5	A	<b>3NY1 258</b>		1	1 unit	103	0.063
	1 x 3NP40 1 left	197 x 215.5	A	<b>3NY1 262</b>		1	1 unit	103	0.093
	1 x 3NP40 1 right	197 x 215.5	A	<b>3NY1 264</b>		1	1 unit	103	0.091
	1 x 3NP40 7 left	208 x 229	B	<b>3NY7 500</b>		1	1 unit	103	0.120
	1 x 3NP40 7 right	208 x 229	B	<b>3NY7 501</b>		1	1 unit	103	0.120
	2 x 3NP40 7	208 x 229	B	<b>3NY7 502</b>		1	1 unit	103	0.054
	3NP42 7	309 x 216	▶	<b>3NY7 220</b>		1	1 unit	103	0.112
	3NP43	375 x 245	B	<b>3NY7 230</b>		1	1 unit	103	0.117
	3NP44	375 x 290	B	<b>3NY7 240</b>		1	1 unit	103	0.125
	<b>For installation in ALPHA 160 and ALPHA 400 wall-mounted distribution boards (STAB 160/STAB 400) and ALPHA 630 floor-mounted distribution boards (SIKUS 630)</b>								
<b>Touch protection covers<sup>3)4)</sup></b>									
	3NP40 76		B	<b>3NY7 600</b>		1	1 unit	103	0.095
<b>Molded-plastic masking frames</b>									
For attachment on mounting plate or busbars. For more information, see catalog ET A1 "ALPHA Distribution Boards"	1 x 3NP40 1 right	166 x 199	A	<b>3NY1 260</b>		1	1 unit	103	0.082
	1 x 3NP40 1 left	166 x 199	A	<b>3NY1 261</b>		1	1 unit	103	0.086
	2 x 3NP40 1	166 x 199	A	<b>3NY1 248</b>		1	1 unit	103	0.036
	1 x 3NP40 7 left	208 x 229	B	<b>3NY7 500</b>		1	1 unit	103	0.120
	1 x 3NP40 7 right	208 x 229	B	<b>3NY7 501</b>		1	1 unit	103	0.120
	2 x 3NP40 7	208 x 236	B	<b>3NY7 502</b>		1	1 unit	103	0.054
	3NP42 7	309 x 216 <sup>2)</sup>	B	<b>3NY7 820</b>		1	1 unit	103	0.113
	3NP43	375 x 245	B	<b>3NY7 230</b>		1	1 unit	103	0.117
	3NP44	375 x 290	B	<b>3NY7 240</b>		1	1 unit	103	0.125

- 1) To some extent, special masking frames are required for installation in ALPHA wall-mounted and floor-mounted distribution boards (STAB, SIKUS), and ALPHA 400-ZS meter cabinets; see Accessories.
- 2) With the 8GE3 818-0 support plate it is also possible to use the 3NY7 220 molded-plastic masking frame (for installation in any distribution board).
- 3) When LV HRC fuse links size 00 (160 A) are used, the permissible load current is  $0.9 \times I_n$ .
- 4) In the 60 mm busbar system with cable feeder at the bottom, the conductor cross-section is limited to 16 mm<sup>2</sup>.

\* You can order this quantity or a multiple thereof.

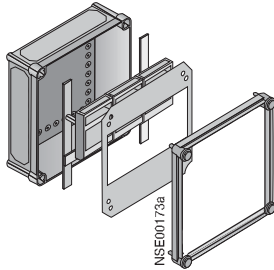
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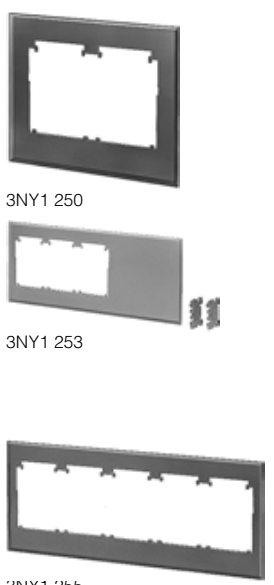
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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
Assembly kits for distribution boards

	For fuse switch disconnectors	8HP enclosure	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>For installation in 8HP molded-plastic distribution systems</b>									
<b>Molded-plastic masking frames</b>									
	For installation in 8HP complete enclosure with fuse switch disconnectors								
	1 × 3NP40 10	1	C	<b>8HP6 431</b>		1	1 unit	046	0.221
	1 × 3NP40 70	1	C	<b>8HP6 422</b>		1	1 unit	046	0.224
	2 × 3NP40 10	2	C	<b>8HP6 432</b>		1	1 unit	046	0.465
	3 × 3NP40 10	2	C	<b>8HP6 432</b>		1	1 unit	046	0.465
	1 × 3NP40 70	2	C	<b>8HP6 423</b>		1	1 unit	046	0.230
	2 × 3NP40 70	2	C	<b>8HP6 424</b>		1	1 unit	046	0.203
	1 × 3NP40 70	2.5	C	<b>8HP6 423</b>		1	1 unit	046	0.230
	2 × 3NP40 70	2.5	C	<b>8HP6 424</b>		1	1 unit	046	0.203
1 × 3NP42 70	2.5	C	<b>8HP6 427</b>		1	1 unit	046	0.250	

	For fuse switch disconnectors	Height x Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
<b>For installation in 8GD/8GA STAB/SIKUS distribution boards "Classic", see the publication "Installation and Mounting", Order No. E20001-P285-A526-V1</b>										
<b>Molded-plastic masking frames</b>										
	For fixing between two standard mounting rails with 3NY1 995 quick-fitting retaining plate									
	1 × 3NP40 10 right with and without auxiliary switch	197 × 215.5	A	<b>3NY1 256</b>		1	1 unit	103	0.116	
	1 × 3NP40 10 left with and without auxiliary switch	197 × 215.5	A	<b>3NY1 257</b>		1	1 unit	103	0.118	
	In a field of width B1	2 × 3NP40 10 with and without auxiliary switch	197 × 215.5	A	<b>3NY1 258</b>		1	1 unit	103	0.063
	In a field of width B2/2	2 × 3NP40 10 with and without auxiliary switch	197 × 235	A	<b>3NY1 250</b>		1	1 unit	103	0.075
	In a field of width B2	3 × 3NP40 10 with and without auxiliary switch (support included in scope of supply)	197 × 485	B	<b>3NY1 253</b>		1	1 unit	103	0.225
		4 × 3NP40 10 with and without auxiliary switch (support included in scope of supply)	197 × 485	B	<b>3NY1 254</b>		1	1 unit	103	0.188
		5 × 3NP40 10 with and without auxiliary switch	197 × 485	A	<b>3NY1 255</b>		1	1 unit	103	0.125
	<b>Supports</b> (1 set = 10 units) for 3NY1 253 and 3NY1 254 molded-plastic masking frames	3NP40 1		C	<b>3NY1 271</b>		1	1 set	103	0.100
<b>Molded-plastic masking frames</b>										



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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For power distribution  
Assembly kits for distribution boards

	For fuse switch disconnectors	Height × Width mm	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
 3NY1 260	For snapping on of 3NP40 1 switch disconnectors	1 x 3NP40 1 right with and without auxiliary switch	166 × 199	A	<b>3NY1 260</b>		1	1 unit	103	0.082
	On standard mounting rail with special 8GD9 device holder and for mounting onto busbars (except 3NY1 247)	1 x 3NP40 1 left with and without auxiliary switch	166 × 199	A	<b>3NY1 261</b>		1	1 unit	103	0.086
 3NY1 247	In a field of width B1	2 x 3NP40 1 with and without auxiliary switch	166 × 199	A	<b>3NY1 248</b>		1	1 unit	103	0.036
	In a field of width B2	5 x 3NP40 1 with and without auxiliary switch	166 × 469	A	<b>3NY1 247</b>		1	1 unit	103	0.072
	<b>Blanking covers</b> (1 set = 10 units) for covering blank space in the 3NY1 2 molded-plastic masking frames	3NP40 1	Width 90	B	<b>3NY1 270</b>		1	1 set	103	0.040
	<b>Molded-plastic masking frames</b> For fitting between two standard mounting rails With 3NY1 995 quick-fitting retaining plate With 3NY1 322 quick-fitting retaining plate	1 x 3NP40 7 left 1 x 3NP40 7 right 2 x 3NP40 7	208 × 219 208 × 219 208 × 222	B B B	<b>3NY7 800</b> <b>3NY7 801</b> <b>3NY7 802</b>		1 1 1	1 unit 1 unit 1 unit	103 103 103	0.100 0.120 0.060
<b>Molded-plastic masking frames</b> For attachment on 8GD9 100 mounting plate	1 x 3NP40 7 left 1 x 3NP40 7 right 2 x 3NP40 7 1 x 3NP42 70	208 × 229 208 × 229 208 × 236 309 × 216 <sup>1)</sup>	B B B B	<b>3NY7 500</b> <b>3NY7 501</b> <b>3NY7 502</b> <b>3NY7 820</b>		1 1 1 1	1 unit 1 unit 1 unit 1 unit	103 103 103 103	0.120 0.120 0.054 0.113	
<b>Molded-plastic masking frames</b> For attachment on 8GD9 591 mounting plate on 8GD9 592 mounting plate	1 x 3NP43 70 1 x 3NP44 70	375 × 245 375 × 290	B B	<b>3NY7 230</b> <b>3NY7 240</b>		1 1	1 unit 1 unit	103 103	0.117 0.125	

1) When mounting on 8GD9 590 support plate it is also possible to use the 3NY7 220 molded-plastic masking frame.

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements

### Selection and ordering data

#### Surface mounting and installation

Rated uninter-rupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links acc. to DIN 43620 <sup>1)</sup>	For isolating links	Auxiliary switch on switch disconnector	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	Connection	For conductor cross-section $mm^2$	Size	Size	Version	Order No.						Price per PU
A											kg	
<b>Completely compartmentalized, with high speed closing features</b>												
	160	Flat connector <sup>2)</sup>	2.5 – 150 <sup>3)</sup>	00 a. 000	00	None <sup>4)</sup> 1 NO + 1 NC	▶ B	<b>3NP50 60-OCA00</b> <b>3NP50 60-OCA10</b>	1	1 unit	103	1.608
		Terminal clamp	1 conductor 2.5 – 50 or 2 conductors 1x 2.5 – 50 1x 2.5 – 35	00 a. 000	00	None <sup>4)</sup> 1 NO + 1 NC	A B		<b>3NP50 60-OCB00</b> <b>3NP50 60-OCB10</b>	1	1 unit	103
	250	Flat connector	6 – 150 <sup>5)</sup>	1 and 0	1	None 1 NO + 1 NC	▶ A	<b>3NP52 60-OCA00</b> <b>3NP52 60-OCA10</b>	1	1 unit	103	5.475
		Terminal clamp	35 – 120	1 and 0	1	None 1 NO + 1 NC	C B		<b>3NP52 60-OCB00</b> <b>3NP52 60-OCB10</b>	1	1 unit	103
	400	Flat connector	6 – 240 <sup>5)</sup>	2 and 1	2	None 1 NO + 1 NC	▶ A	<b>3NP53 60-OCA00</b> <b>3NP53 60-OCA10</b>	1	1 unit	103	6.532
										1	1 unit	103
	630	Flat connector	6 – 2 x 240 <sup>5)</sup>	3 and 2	3	None 1 NO + 1 NC	▶ B	<b>3NP54 60-OCA00</b> <b>3NP54 60-OCA10</b>	1	1 unit	103	7.945
										1	1 unit	103

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to DIN VDE 0106 Part 100 (see Accessories).
- 3) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M10 cable lug if necessary).
- 4) If auxiliary switch is retrofitted, additional drill holes are required on the switch.
- 5) According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: Min. conductor cross-section 16 mm<sup>2</sup> (use M12 cable lug if necessary).

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements

### For 40 mm busbar systems

Rated uninterrupted current $I_u$ A	Conductor connections (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>1)</sup> Size	For isolating links Size	Auxiliary switch on switch disconnector Version	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws Order No. Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Connection	For conductor cross-section mm <sup>2</sup>									
<b>Completely compartmentalized, with high speed closing feature<sup>2)</sup></b>											
<b>Busbars with a width of 12 mm and thickness of 5 mm or 10 mm</b>											
160	Flat connector	2.5 – 150 Connection, bottom	00 and 000		None 1 NO + 1 NC	C B	3NP50 65-1CF00 3NP50 65-1CF10	1 1	1 unit 1 unit	103 103	2.380 2.370

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) For accessories and more devices on busbar systems, see Accessories.
- 3) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M cable lug if required).

### For 60 mm busbar systems

Rated uninterrupted current $I_u$ A	Conductor connections (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>1)</sup> Size	For isolating links Size	Auxiliary switch on switch disconnector Version	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws Order No. Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Connection	For conductor cross-section mm <sup>2</sup>									
<b>Completely compartmentalized, with high speed closing feature<sup>2)</sup></b>											
<i>For switch version "Surface Mounting and Installation" and busbar adapter, see Accessories.</i>											

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) For accessories and more devices on busbar systems, see Accessories.

\* You can order this quantity or a multiple thereof.

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
with fuse monitoring


### Selection and ordering data

With fuse monitoring by SIRIUS circuit-breakers

Surface mounting and installation

Rated uninterrupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section		On switch disconnector	On circuit-breaker						
A		mm <sup>2</sup>	Size	Version	Version		Order No.	Price per PU			kg

### Completely compartmentalized, with high speed closing feature with fuse monitoring by SIRIUS circuit-breaker<sup>2)</sup>

With plug-in connection of the auxiliary switch connecting cable (length approx. 1 m) to the circuit-breaker												
	160	Flat connector <sup>3)</sup>	2.5 – 150 <sup>4)</sup>	00 and 000	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP50 60-0EA86</b> <b>3NP50 60-0EA26</b>	1 1	1 unit 1 unit	103 103	2.484 2.550
		Terminal clamp	1 conductor 2.5 – 50 2 conductors 1x 2.5 – 50 1x 2.5 – 35	00 and 000	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP50 60-0EB86</b> <b>3NP50 60-0EB26</b>	1 1	1 unit 1 unit	103 103	2.616 2.650
	250	Flat connector	6 – 150 <sup>5)</sup>	1 and 0	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP52 60-0EA86</b> <b>3NP52 60-0EA26</b>	1 1	1 unit 1 unit	103 103	6.014 6.867
		Terminal clamp	35 – 120	1 and 0	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP52 60-0EB86</b> <b>3NP52 60-0EB26</b>	1 1	1 unit 1 unit	103 103	7.095 6.659
	400	Flat connector	6 – 240 <sup>5)</sup>	2 and 1	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP53 60-0EA86</b> <b>3NP53 60-0EA26</b>	1 1	1 unit 1 unit	103 103	7.083 5.410
		Flat connector	6 – 2 x 240 <sup>5)</sup>	3 and 2	1NO+1NC 1NO+1NC	1NO+1NC 2 NO	▶ B	<b>3NP54 60-0EA86</b> <b>3NP54 60-0EA26</b>	1 1	1 unit 1 unit	103 103	8.462 9.233

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) SIRIUS circuit-breakers: on request also auxiliary switch 2 NC.
- 3) For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to DIN VDE 0106 Part 100 (see Accessories).
- 4) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M10 cable lug if necessary).
- 5) According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: Min. conductor cross-section 16 mm<sup>2</sup> (use M12 cable lug if necessary).

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
with fuse monitoring

### With fuse monitoring by SIRIUS circuit-breakers

For 40 mm busbar systems

A	Rated uninter- rupted current $I_u$	Conductor connections (on both sides) Con- nection	For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
				For conductor cross-section mm <sup>2</sup>	Size						
							Order No.	Price per PU			kg

### Completely compartmentalized, with high speed closing features with fuse monitoring by SIRIUS circuit-breaker<sup>2)3)</sup>

#### Busbars with a width of 12 mm and thickness of 5 mm or 10 mm

160	Flat con- nector	2.5 – 150 <sup>4)</sup>	00 and 000	1NO+1NC	1NO+1NC	A	3NP50 65-1EF86	1	1 unit	103	2.908
				1NO+1NC	2 NO	B		3NP50 65-1EF26	1	1 unit	103
	Terminal clamp	1 conduc- tor 2.5 – 50	00 and 000	1NO+1NC	1NO+1NC	B	3NP50 65-1EG86	1	1 unit	103	3.020
				1NO+1NC	2 NO	C		3NP50 65-1EG26	1	1 unit	103

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) SIRIUS circuit-breaker on request also auxiliary switch 2 NC.
- 3) For accessories and more devices on busbar systems, see Accessories and SIVACON Switchgear, Distribution Systems and Cabinets, -> Components for 8US, 8UC, 4NC Distribution Systems -> 8US Busbar Systems.
- 4) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M10 cable lug if necessary).

### With fuse monitoring by SIRIUS circuit-breakers

For 60 mm busbar systems

A	Rated uninter- rupted current $I_u$	Conductor connections (on both sides) Con- nection	For LV HRC fuse links according to DIN 43620 <sup>1)</sup>	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
				For conductor cross-section mm <sup>2</sup>	Size						
							Order No.	Price per PU			kg

### Completely compartmentalized, with high speed closing features with fuse monitoring by SIRIUS circuit-breaker<sup>2)3)</sup>

For switch versions "Surface Mounting and Installation" and busbar adapter, see Accessories.

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) SIRIUS circuit-breaker on request also auxiliary switch 2 NC.
- 3) For accessories and more devices on busbar systems, see Accessories and SIVACON Switchgear, Distribution Systems and Cabinets, -> Components for 8US, 8UC, 4NC Distribution Systems -> 8US Busbar Systems.

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
with fuse monitoring

With fuse monitoring by electronic fuse monitoring devices

Surface mounting and installation

Rated uninter- rupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links acc. to DIN 43620 1)	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Convec- tion	For conduc- tor cross- section mm <sup>2</sup>		On switch discon- nector	On fuse monitor		Order No.	Price per PU				
A			Size	Version	Version							kg

Completely compartmentalized, with high speed closing feature,  
with electronic fuse monitoring (self-powered), open-circuit principle

For rated operational voltages  $U_e$  from 400 V to 500 V AC,  
incoming supply must come from above!

With plug connection for connecting leads from auxiliary contacts  
(approx. 1 m long) to the fuse monitoring device, status indicator:  
green LED illuminated, fault indication: green LED flashing,  
fuse failure: red LED (display per phase)



160	Flat con- nector <sup>2)</sup>	2,5 – 120 <sup>3)</sup>	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B	<b>3NP50 60-OHA13</b>	1	1 unit	103	2.375
	Terminal clamp	1 conduc- tor 2,5 – 50 2 conduc- tors 1x 2,5 – 50 1x 2,5 – 35	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B	<b>3NP50 60-OHB13</b>	1	1 unit	103	2.500
250	Flat con- nector	6 - 150 <sup>4)</sup>	1 and 0	1 NO + 1 NC	2 NO + 1 NC	B	<b>3NP52 60-OHA13</b>	1	1 unit	103	5.865
400	Flat con- nector	6 - 240 <sup>4)</sup>	2 and 1	1 NO + 1 NC	2 NO + 1 NC	B	<b>3NP53 60-OHA13</b>	1	1 unit	103	6.951
630	Flat con- nector	6 - 240 <sup>4)</sup>	3 and 2	1 NO + 1 NC	2 NO + 1 NC	B	<b>3NP54 60-OHA13</b>	1	1 unit	103	8.513

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to DIN VDE 0106 Part 100 (see Accessories).
- 3) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M10 cable lug if necessary).
- 4) According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: Min. conductor cross-section 16 mm<sup>2</sup> (use M12 cable lug if necessary).

# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
with fuse monitoring

### With fuse monitoring by electronic fuse monitoring devices

For 40 mm busbar systems

A	Rated uninter- rupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links acc. to DIN 43620 <sup>1)</sup>	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.  kg
		Conne- ction	For con- ductor cross-sec- tion mm <sup>2</sup>		On switch discon- nector	On the fuse monitor						
				Size	Version	Version		Order No.	Price per PU			

### Completely compartmentalized, with high speed closing feature, with electronic fuse monitoring (self-powered), open-circuit principle

**For rated operational voltages  $U_e$  from 400 V to 500 V AC, incoming supply must come from above!**

Busbars with a width of 12 mm and thickness of 5 mm or 10 mm



160	Flat con- nector	2.5 -120 <sup>2)</sup>	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B		<b>3NP50 65-1HF13</b>		1	1 unit	103	2.776
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- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".
- 2) According to DIN 46234 or 16 mm<sup>2</sup> – 95 mm<sup>2</sup> according to DIN 46235 (use M10 cable lug if necessary).

### With fuse monitoring by electronic fuse monitoring devices

For 60 mm busbar systems

A	Rated uninter- rupted current $I_u$	Conductor connections (on both sides)		For LV HRC fuse links acc. to DIN 43620 <sup>1)</sup>	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.  kg
		Conne- ction	For con- ductor cross-sec- tion mm <sup>2</sup>		On switch discon- nector	On the fuse monitor						
				Size	Version	Version		Order No.	Price per PU			

### Completely compartmentalized, with high speed closing feature, with electronic fuse monitoring (self-powered), open-circuit principle

**For rated operational voltages  $U_e$  from 400 V to 500 V AC, incoming supply must come from above!**

For switch versions "Surface Mounting and Installation" and busbar adapter, see Accessories.

- 1) For LV HRC fuse links, see Catalog "BETA Modular Installation Devices".

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
Accessories

### Selection and ordering data

	For fuse switch disconnectors	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg		
<b>Handle units</b>										
	3NP50 6-.C..0	B	<b>3NY1 074</b>		1	1 unit	103	0.620		
	3NP52 60-.C..0	B	<b>3NY1 371</b>		1	1 unit	103	0.263		
	3NP53 60-.C..0	B	<b>3NY1 372</b>		1	1 unit	103	1.510		
	3NP54 60-.C..0	B	<b>3NY1 373</b>		1	1 unit	103	1.690		
With fuse monitoring by 3RV1 circuit-breakers	3NP50 6-.E..6	B	<b>3NY1 420</b>		1	1 unit	103	1.405		
	3NP52 60-.E..6	B	<b>3NY1 421</b>		1	1 unit	103	1.900		
	3NP53 60-.E..6	B	<b>3NY1 422</b>		1	1 unit	103	1.980		
	3NP54 60-.E..6	B	<b>3NY1 423</b>		1	1 unit	103	2.600		
Connectors and connecting cables	1 m long	3NP5 with 3RV1	B	<b>3NY1 910</b>	1	1 unit	103	0.097		
	3 m long		B	<b>3NY1 911</b>	1	1 unit	103	0.261		
With electronic fuse monitoring for 400 V – 500 V	3NP50 6-.H..13	B	<b>3NY1 513-0</b>		1	1 unit	103	1.235		
	3NP52 60-.H..13	C	<b>3NY1 513-2</b>		1	1 unit	103	2.130		
	3NP53 60-.H..13	B	<b>3NY1 513-3</b>		1	1 unit	103	2.146		
	3NP54 60-.H..13	C	<b>3NY1 513-4</b>		1	1 unit	103	0.325		
Connectors and connecting cables (6-pole)	3 m long	3NP5 with EFM	B	<b>3NY1 915</b>	1	1 unit	103	0.372		
	Strain relief assembly kits	3NP5 with EFM	D	<b>3NY1 918</b>	1	1 set	103	0.024		
For control cable of the EFM										
	Auxiliary switches 1 NO + 1 NC		3NP50 <sup>1)</sup>	B	<b>3NY3 033</b>	1	1 unit	103	0.015	
	With actuating cams, screws and washers (mounting kit)									
	With fixing bracket and screws (mounting kit)		3NP52 – 3NP54	B	<b>3NY3 034</b>	1	1 unit	103	0.015	
	Arc chutes		3NP50	B	<b>3NY4 031</b>	1	1 unit	103	0.218	
	(3 units each are required for 3NP52, 3NP53 and 3NP54)		3NP52	B	<b>3NY4 011</b>	1	1 unit	103	0.215	
			3NP53, 3NP54	B	<b>3NY4 012</b>	1	1 unit	103	0.240	
	Molded-plastic masking frames		300 × 220 mm	3NY1 210	A	<b>3NY1 102</b>	1	1 unit	103	0.071
	As replacement for masking frames from assembly kits for installation (without fixing brackets and small components)		300 × 245 mm	3NY1 211	A	<b>3NY1 103</b>	1	1 unit	103	0.075
			300 × 290 mm	3NY1 212	A	<b>3NY1 104</b>	1	1 unit	103	0.084

1) If retrofitted, drill holes required.









# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NP Fuse Switch Disconnectors up to 630 A

For extended technical requirements  
Assembly kits for distribution boards

### Selection and ordering data

	For fuse switch disconnectors	Dimensions mm	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
<b>For installation in any distribution board</b>										
<b>Molded-plastic masking frames</b>										
	For installation in the cabinet	3NP50 with and without auxiliary switch	215 x 135	A	<b>3NY1 105</b>		1	1 unit	103	0.045
		With auxiliary switch	215 x 135	A	<b>3NY1 115</b>		1	1 unit	103	0.044
	For installation in metal front plates	With and without auxiliary switch	220 x 160	B	<b>3NY1 125</b>		1	1 unit	103	0.062
	For covering the connection terminals	3NP50 with and without auxiliary switch	265 x 135	A	<b>3NY1 107</b>		1	1 unit	103	0.073
	For covering the cable lug connections	3NP50 with and without auxiliary switch	290 x 135	A	<b>3NY1 106</b>		1	1 unit	103	0.071
		With auxiliary switch	290 x 135	A	<b>3NY1 116</b>		1	1 unit	103	0.071
	For separate covering of the upper and lower cable lug connections	3NP50 with and without auxiliary switch	290 x 135	A	<b>3NY1 108</b>		1	1 unit	103	0.048
<b>Installation kits for flush mounting</b>										
	With molded-plastic masking frame, fixing brackets and sundries. For disconnectors with and without auxiliary switches	3NP50 60	250 x 149	B	<b>3NY1 208</b>		1	1 unit	103	0.531
		3NP52 60	300 x 220	B	<b>3NY1 210</b>		1	1 unit	103	0.287
		3NP53 60	300 x 245	B	<b>3NY1 211</b>		1	1 unit	103	0.298
		3NP54 60	300 x 290	B	<b>3NY1 212</b>		1	1 unit	103	0.313
<b>Covers for cable lug connections</b>										
	(1 set = 6 units) can be screwed onto free screw end to protect against accidental touch	3NP52	99	A	<b>3NY1 241</b>		1	1 set	103	0.205
		3NP53/3NP54 60	95	B	<b>3TX6 546-3B</b>		1	1 set	101	0.260
			120	B	<b>3NY1 245</b>		1	1 set	103	0.336
<b>Terminal clamps</b>										
	(1 set = 3 units)	3NP50	2.5 ... 50 mm <sup>2</sup> <sup>1)</sup>	B	<b>3NY1 903</b>		1	1 set	103	0.108
		3NP52	35 ... 120 mm <sup>2</sup>	B	<b>3NY1 907</b>		1	1 set	103	0.225
<b>Busbar adapters</b>										
	For 60 mm busbar system	3NP50	108	A	<b>8US12 91-4SB00</b>		1	1 unit	103	0.551
		3NP52, 3NP53, 3NP54 <sup>2)</sup>	250 (length 320 mm, M10 terminal screws, connecting leads must be manufactured)	A	<b>8US12 10-4AG00</b>		1	1 unit	103	3.060
<b>Sealing lugs</b>										
	3NP50			B	<b>3NY1 940</b>		1	1 set	103	0.010

- Also available in 2-wire version: 1 x 2.5 mm<sup>2</sup> ... 50 mm<sup>2</sup> and 1 x 2.5 mm<sup>2</sup> ... 35 mm<sup>2</sup>.
- Disconnector is wider than adapter. The adapter can, however, be expanded to 276 mm with two 8US19 98-2BM00 side modules.

\* You can order this quantity or a multiple thereof.

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# 3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

## 3NJ4, 3NJ5 In-Line Fuse Switch Disconnectors, up to 1250 A

### General data

#### Benefits

##### *Parking position*

For maintenance purposes, for example, the carriers of the single-pole in-line fuse switch disconnectors of sizes 1 to 3 and the 3-pole in-line fuse switch disconnectors of size 00 can be mounted after being turned by 180° (fuse facing outwards).

This results in the following advantages:

- Visible disconnection point
- Depot for fuse links (parking position)
- No opportunity for mistakes on replacing the fuse links
- Additional touch protection in the vicinity of the lyre-shaped contacts

#### Application

SENTRON 3NJ41 and 3NJ56 single-pole and 3-pole in-line fuse switch disconnectors are designed for installation in low-voltage distribution boards, substations and cable distribution cubicles.

They are suitable for use in any climate.




In an open position, they are safe from touch by the back of the hand (exception 3NJ56: IP00). When the fuse carriers are closed, the degree of protection for all in-line fuse switch disconnectors is IP30. They comply with the following regulations: IEC 60408, IEC 60947-3 and VDE 0660 Part 107. Fuse links in compliance with DIN 43620 Part 1 can be used – nickel-plated fuse blades are not permissible due to the high transfer resistance.

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Single-pole and 3-pole switchable

### Selection and ordering data

Rated uninterrupted current $I_{US}$ For fuse links according to DIN 43620	Center-to-center distance		Connection type (terminal screws/clamp-type terminals included in the scope of supply) <sup>1)</sup> , optionally top or bottom (rotatable!)	For conductor cross-section	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	A	Size										mm
<b>In-line fuse switch disconnectors, single-pole switchable</b>												
	160	00 a. 000	185	M8 flat connector	--	C	<b>3NJ50 13-0BD00</b>		1	1 unit	113	2.561
	250	1	185	M10 flat connector	--	A	<b>3NJ41 21-3BF01</b>		1	1 unit	113	5.284
	400	2 and 1	185	M12 flat connector	--	A	<b>3NJ41 31-3BF01</b>		1	1 unit	113	5.363
	630	3 and 2	185	M12 flat connector	--	C	<b>3NJ41 41-3BF01</b>		1	1 unit	113	6.098
	1250	4a	185	M16 x 60 stud terminal	--	A	<b>3NJ56 43-0BB00</b>		1	1 unit	113	23.608
<b>In-line fuse switch disconnectors, 3-pole switchable</b>												
	160	00 a. 000	100	M8 flat connector	--	▶	<b>3NJ41 03-3BF02</b>		1	1 unit	113	1.400
				F70 box terminal	Up to 70	A	<b>3NJ41 03-3BR02</b>		1	1 unit	113	1.479
	250	1	185	M10 flat connector	--	▶	<b>3NJ41 23-3BF01</b>		1	1 unit	113	5.481
				M12 stud terminal	--	A	<b>3NJ41 23-3BJ01</b>		1	1 unit	113	5.512
				V terminal	25 - 150 and 185 - 300	A	<b>3NJ41 23-3BT01</b>		1	1 unit	113	5.908
	400	2 and 1	185	M12 flat connector	--	▶	<b>3NJ41 33-3BF01</b>		1	1 unit	113	5.540
				M12 stud terminal	--	A	<b>3NJ41 33-3BJ01</b>		1	1 unit	113	5.580
				V terminal	25 - 150 and 185 - 300	A	<b>3NJ41 33-3BT01</b>		1	1 unit	113	5.899
	630	3 and 2	185	M12 flat connector	--	▶	<b>3NJ41 43-3BF01</b>		1	1 unit	113	6.426
				M12 stud terminal	--	A	<b>3NJ41 43-3BJ01</b>		1	1 unit	113	6.321
			V terminal	25 - 150 and 185 - 300	A	<b>3NJ41 43-3BT01</b>		1	1 unit	113	6.675	
<b>Incoming blocks, 3-pole switchable, flat connectors 2 x M12</b>												
	1000	3	185	For supply from cable directly to busbars, with built-in isolating links <sup>2)</sup> , corresponds to block size 3	3-pole switchable	C	<b>3NJ41 53-5BD01</b>		1	1 unit	113	11.030
	910	3	185	For supply from 630 kVA transformer to busbar system; for special fuses for transformer protection (see Accessories)	3-pole switchable	C	<b>3NJ41 83-3BF01</b>		1	1 unit	113	12.943

More special designs on request, see Technical Information.

- 1) Fixing screws should be ordered separately.
- 2) Retrospective exchange with fuse links of size 3 is possible. Thereby reduction of the rated current to 630 A.

\* You can order this quantity or a multiple thereof.

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## 3NJ4, 3NJ5 In-Line Fuse Switch Disconnectors, up to 1250 A

### Accessories

#### Selection and ordering data




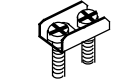
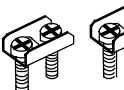


	For in-line fuse switch disconnectors or dimensions	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
 3NJ49 12-1AA01	<b>Covers<sup>1)</sup></b> size 1 to 3 Additional touch protection with use of cable lugs or connection from above	▶	3NJ41 2 to 3NJ41 4, 3NJ41 5, 3NJ41 8	▶	<b>3NJ49 12-1AA01</b>	1	1 unit	113	0.103
	<b>Covers</b> size 00 (can also be used as <b>masking frame</b> ) Top and bottom (1 set = 2 units: Short and long <sup>2)</sup> for covering of extended cable lugs and for combining 3NJ41 03 with 3NJ41 2 to 3NJ41 4 in-line disconnectors	▶	3NJ41 03	▶	<b>3NJ49 12-1DA02</b>	1	1 set	113	0.123
 3NJ49 12-1DA00	<b>Blanking covers</b> for panel cutout According to the size of the switch disconnectors: sizes 1 to 3 (for fitting in the cutout of the control panels)	A	50 mm wide	A	<b>3NJ49 12-2AA00</b>	1	1 unit	113	0.189
	For 3NJ41 03	A	100 mm wide	A	<b>3NJ49 12-2BA00</b>	1	1 unit	113	0.215
	<b>Fixing clips</b> (1 set = 4 units, including fixing accessories) 2 units per side, for fixing the cover of the control panel front	A	50 mm wide	A	<b>3NJ49 12-2CA00</b>	1	1 unit	113	0.090
	<b>Fixing clips</b> (1 set = 4 units, including fixing accessories) 2 units per side, for fixing the cover of the control panel front	A	3NJ41	A	<b>3NJ49 18-0AA00</b>	1	1 set	113	0.130
	<b>Unequipped section covers</b> for busbars Busbar center-to-center distance 185 mm	A	50 mm wide	A	<b>3NJ49 12-3AA00</b>	1	1 unit	113	0.148
	Busbar center-to-center distance 185 mm	A	100 mm wide	A	<b>3NJ49 12-3BA01</b>	1	1 unit	113	0.372
	Busbar center-to-center distance 100 mm <sup>3)</sup> (To be fitted directly in the drilled holes of the busbars)	A	50 mm wide	A	<b>3NJ49 12-3CA00</b>	1	1 unit	113	0.105
	<b>Adapters</b> for fitting of two 3NJ41 03 in-line disconnectors (= 1 carrier) onto a busbar system with 185 mm center-to-center distance (including adaptation of the installation depth to that of the 3NJ41 2 to 3NJ41 4 in-line disconnectors)	▶	3NJ41 03	▶	<b>3NJ49 18-0DA02</b>	1	1 unit	113	0.751
	Two 3NJ50 13 in-line disconnectors (= 1 carrier) (to adapt the overall depth to that of the strips, sizes 1 to 3)	C	3NJ50 13	C	<b>3NJ59 30-3BB</b>	1	1 unit	113	0.675
	One 3NJ41 03 in-line disconnectors (= 3 separate brackets) onto a busbar system with 60 mm center-to-center distance	A	3NJ41 03	A	<b>3NJ49 18-0EA00</b>	1	1 unit	113	0.232

- 1) With cable lugs and connection from above, the terminal cover can be extended by connecting two pieces together.
- 2) Can be shortened (in exchange for short cover, included in the scope of supply of the in-line disconnectors).
- 3) Also for covering a blank space on 3NJ49 18-0DA00 or 3NJ59 30-3BB.

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### Accessories

	For in-line fuse switch disconnectors or dimensions	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
 3NJ59 74-0AB	3NJ41 and 3NJ5	▶	<b>3NJ59 74-0AB</b>		1	1 unit	113	0.463
 3NJ49 11-3AA00	3NJ41 03	▶	<b>3NJ49 11-3AA00</b>		1	1 set	113	0.176
	3NJ41 2 to 3NJ41 4	▶	<b>3NJ49 11-3BA01</b>		1	1 set	113	0.607
 3NJ49 11-3BA01	3NJ41 03	A	<b>3NJ49 11-4AA00</b>		1	1 set	113	0.041
	3NJ41 03	C	<b>3NJ49 11-1AA00</b>		1	1 set	113	0.098
 3NJ49 11-4AA00	3NJ41 2 to 3NJ41 4	C	<b>3NJ49 11-2BQ00</b>		1	1 set	113	0.949
	3NJ41 2 to 3NJ41 4	A	<b>3NJ49 11-5AA00</b>		1	1 set	113	0.500
 3NJ49 11-1AA00	3NJ41 03	C	<b>3NJ49 13-0AA02</b>		1	1 unit	113	0.005
	3NJ41 2 to 3NJ41 4	A	<b>3NJ49 13-1AA01</b>		1	1 unit	113	0.029
 3NJ49 11-1AA00	3NJ41 8	C	<b>3NJ49 14-8AA00</b>		1	1 unit	113	1.341
 3NJ49 11-1AA00		A	<b>3NJ49 18-1AA00</b>		1	1 set	113	0.120

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Notes