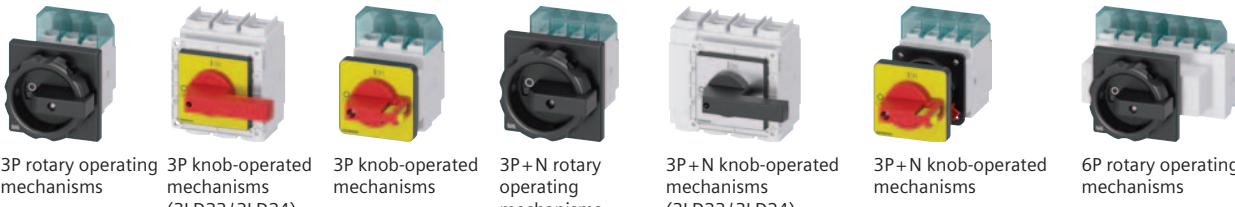


Disconnect Switches

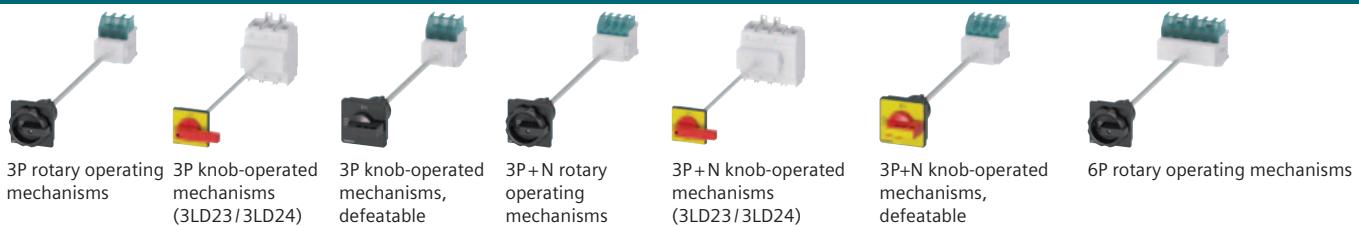
3LD2 switch disconnectors

System overview

Basic units for front mounting



Basic units for panel mounting



Basic units for installation in distribution boards/enclosures, DC



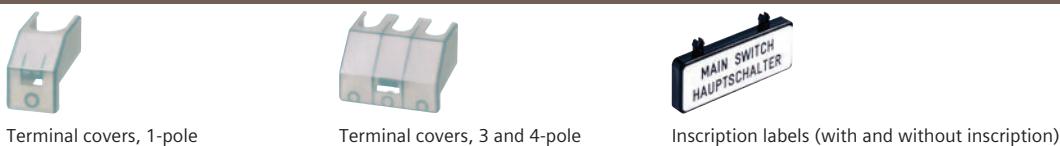
Additional poles and auxiliary switches



Operating mechanisms



Other accessories



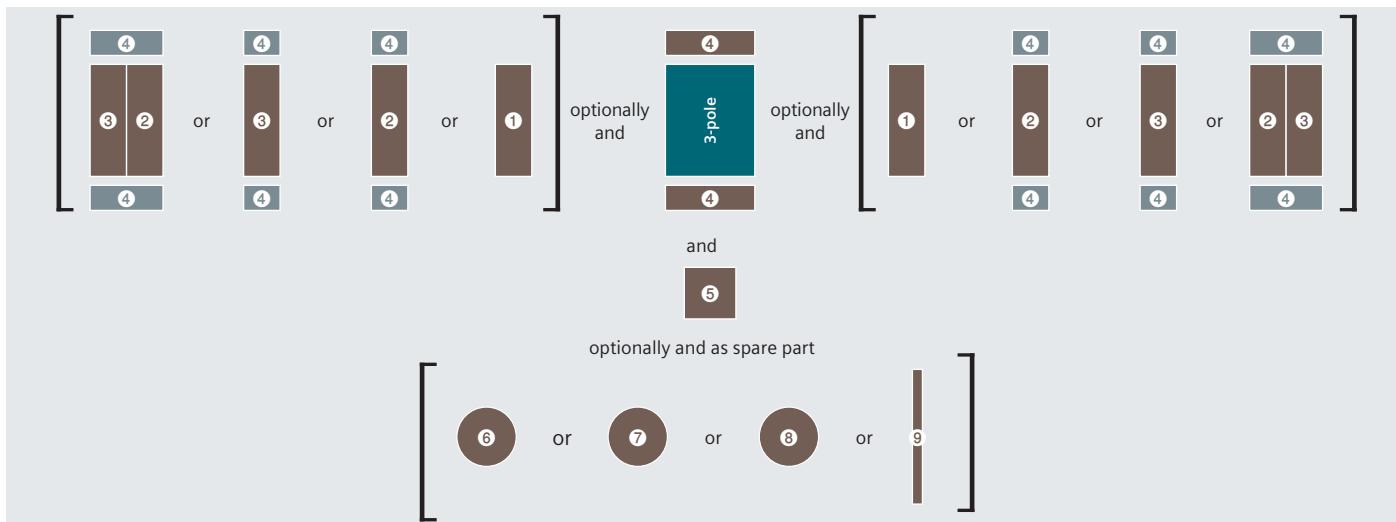
Note:

You will find a detailed range of accessories with the basic units.

Disconnect Switches

3LD2 Mounting and accessories

Mounting concept and accessories



Legend

① Auxiliary switch
② N switching contact 1)
③ N/PE terminal

④ Terminal cover
⑤ Auxiliary switch for
mounting on the front 2)

⑥ Rotary operating
mechanism, center-hole
mounting

⑦ Rotary operating
mechanism, four-hole
mounting

⑧ Knob-operated mechanism,
four-hole mounting
⑨ Switching shaft (300 or 600)

1) The N switching contact ② first has to be mounted on the basic unit
 2) Can only be used with four-hole front mounting and panel mounting

Mounting types

Front mounting



The switches for front mounting are mounted on the inside of covers, side panels or, if applicable, control cabinet doors (depending on the applicable standard and switching function). In addition to the 4-hole fastening of the handle, up to 63 A (3LD25) fastening with the 22.5 mm diameter center hole can also be chosen.

You will find further information
in the configuration manual:
sie.ag/2UlraVv



Panel mounting



The switches for panel mounting up to 125 A (3LD28) are snapped onto 35 mm standard mounting rails according to EN 60715 or screw-mounted on mounting panels. The switches for 160 and 250 A (3LD23/3LD24) are exclusively screwed onto mounting panels. The actuators are connected to the lower section of the switch through a door coupling, which can be released in its zero position, and a 300 mm long switch shaft. When the control cabinet door is open, the switch can be protected against inadvertent operation by removing the switch shaft from the lower section of the switch. The overall depth can be adapted to individual requirements by adjusting the switch shaft length.

Distribution board mounting



The switches for distribution board mounting are suited for operation in distribution boards and for switching inside control cabinets or distributors. Up to 125 A (3LD28), they have cap and mounting dimensions acc. to DIN 43880 and can be fitted under the same cover together with miniature circuit breakers.

DC isolators



The DC isolators in the enclosure are suitable for disconnecting loads of up to 800 V DC due to their 8-pole design. To provide additional safety, the isolators can be locked in the 0 position.

Disconnect Switches

3LD2 main control switches, front mounting, 25 ... 50 kA_{eff}

Selection

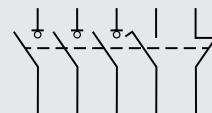
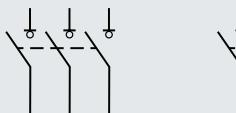
**3LD2 main control switches,
front mounting**



Operating mechanisms, black

Number of poles

3P



Uninterrupted current I _u At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Rotary operating mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2003-0TK51	3LD2003-1TP51
25 A	9.5 kW	7.5 kW	3LD2103-0TK51	3LD2103-1TP51
32 A	11.5 kW	9.5 kW	3LD2203-0TK51	3LD2203-1TP51
63 A	22 kW	18.5 kW	3LD2504-0TK51	3LD2504-1TP51
100 A	37 kW	30 kW	3LD2704-0TK51	3LD2704-1TP51
125 A	45 kW	37 kW	3LD2804-0TK51	3LD2804-1TP51
160 A	75 kW	50 kW	3LD2305-0TK11	3LD2305-0TK11 + 3LD9200-5B
250 A	132 kW	110 kW	3LD2405-0TK11	3LD2405-0TK11 + 3LD9200-5B
Rotary operating mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2054-0TK51	3LD2054-1TP51
25 A	9.5 kW	7.5 kW	3LD2154-0TK51	3LD2154-1TP51
32 A	11.5 kW	9.5 kW	3LD2254-0TK51	3LD2254-0TK51 + 3LD9200-5B
63 A	22 kW	18.5 kW	3LD2555-0TK51	3LD2555-0TK51 + 3LD9200-5B
Knob-operated mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2022-0TK11	3LD2022-0TK11 + 3LD9200-5B
25 A	9.5 kW	7.5 kW	3LD2122-0TK11	3LD2122-0TK11 + 3LD9200-5B
32 A	11.5 kW	9.5 kW	3LD2222-0TK11	3LD2222-0TK11 + 3LD9200-5B
Knob-operated mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2050-0TK11	3LD2050-0TK11 + 3LD9200-5B
25 A	9.5 kW	7.5 kW	3LD2150-0TK11	3LD2150-0TK11 + 3LD9200-5B
32 A	11.5 kW	9.5 kW	3LD2250-0TK11	3LD2250-0TK11 + 3LD9200-5B

Scope of supply:

- Including terminal covers for the infeed side

Accessories, see pages 5-20 to 5-21

Disconnect Switches

3LD2 main control switches, front mounting, 25 ... 50 kA_{eff}

Selection

3P+N		6P	
Without auxiliary switch	1 NO + 1 NC (standard version)	Without auxiliary switch	1 NO + 1 NC (standard version)
3LD2003-1TL51	3LD2003-2EP51	—	—
3LD2103-1TL51	3LD2103-2EP51	3LD2103-3VK51	3LD2103-4VP51
3LD2203-1TL51	3LD2203-1TL51 + 3LD9200-5B	3LD2203-3VK51	3LD2203-3VK51 + 3LD9200-5B
3LD2504-1TL51	3LD2504-1TP51 + 3LD9250-0BA	3LD2504-3VK51	3LD2504-3VK51 + 3LD9200-5B
3LD2704-0TK51 + 3LD9280-0B	3LD2704-0TK51 + 3LD9280-0B + 3LD9200-5B	—	—
3LD2804-0TK51 + 3LD9280-0B	3LD2804-0TK51 + 3LD9280-0B + 3LD9200-5B	—	—
3LD2305-1TL11	3LD2305-1TL11 + 3LD9200-5B	3LD2305-3VK11	3LD2305-3VK11 + 3LD9200-5B
3LD2405-1TL11	3LD2405-1TL11 + 3LD9200-5B	3LD2405-3VK11	3LD2405-3VK11 + 3LD9200-5B
3LD2054-1TL51	3LD2054-2EP51	—	—
3LD2154-1TL51	3LD2154-2EP51	—	—
3LD2254-1TL51	3LD2254-1TL51 + 3LD9200-5B	—	—
3LD2555-0TK51 + 3LD9250-0BA	3LD2555-0TK51 + 3LD9250-0BA + 3LD9200-5B	—	—
3LD2022-1TL11	3LD2022-1TL11 + 3LD9200-5B	—	—
3LD2122-1TL11	3LD2122-1TL11 + 3LD9200-5B	—	—
3LD2222-0TK11 + 3LD9220-0B	3LD2222-0TK11 + 3LD9220-0B + 3LD9200-5B	—	—
3LD2050-1TL11	3LD2050-1TL11 + 3LD9200-5B	—	—
3LD2150-0TK11 + 3LD9220-0B	3LD2150-0TK11 + 3LD9220-0B + 3LD9200-5B	—	—
3LD2250-0TK11 + 3LD9220-0B	3LD2250-0TK11 + 3LD9220-0B + 3LD9200-5B	—	—

DISCONNECT
SWITCHES

Disconnect Switches

3LD2 EMERGENCY-STOP switches, front mounting, 25 ... 50 kA_{eff}

Selection

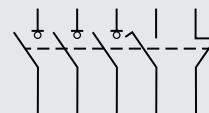
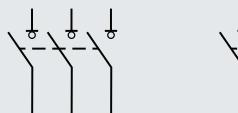
**3LD2 EMERGENCY-STOP switches,
front mounting**



Operating mechanisms, red/yellow

Number of poles

3P



Uninterrupted current I _U At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Rotary operating mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2003-0TK53	3LD2003-1TP53
25 A	9.5 kW	7.5 kW	3LD2103-0TK53	3LD2103-1TP53
32 A	11.5 kW	9.5 kW	3LD2203-0TK53	3LD2203-1TP53
63 A	22 kW	18.5 kW	3LD2504-0TK53	3LD2504-1TP53
100 A	37 kW	30 kW	3LD2704-0TK53	3LD2704-1TP53
125 A	45 kW	37 kW	3LD2804-0TK53	3LD2804-1TP53
160 A	75 kW	50 kW	3LD2305-0TK13	3LD2305-0TK13 + 3LD9200-5B
250 A	132 kW	110 kW	3LD2405-0TK13	3LD2405-0TK13 + 3LD9200-5B
Rotary operating mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2054-0TK53	3LD2054-1TP53
25 A	9.5 kW	7.5 kW	3LD2154-0TK53	3LD2154-1TP53
32 A	11.5 kW	9.5 kW	3LD2254-0TK53	3LD2254-0TK53 + 3LD9200-5B
63 A	22 kW	18.5 kW	3LD2555-0TK53	3LD2555-0TK53 + 3LD9200-5B
Knob-operated mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2022-0TK13	3LD2022-0TK13 + 3LD9200-5B
25 A	9.5 kW	7.5 kW	3LD2122-0TK13	3LD2122-0TK13 + 3LD9200-5B
32 A	11.5 kW	9.5 kW	3LD2222-0TK13	3LD2222-0TK13 + 3LD9200-5B
Knob-operated mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2050-0TK13	3LD2050-0TK13 + 3LD9200-5B
25 A	9.5 kW	7.5 kW	3LD2150-0TK13	3LD2150-0TK13 + 3LD9200-5B
32 A	11.5 kW	9.5 kW	3LD2250-0TK13	3LD2250-0TK13 + 3LD9200-5B

Scope of supply:

- Including terminal covers for the infeed side

Accessories, see pages 5-20 to 5-21

Disconnect Switches

3LD2 EMERGENCY-STOP switches, front mounting, 25 ... 50 kA_{eff}

Selection



3+N	6P
Without auxiliary switch	Without auxiliary switch
1 NO + 1 NC (standard version)	1 NO + 1 NC (standard version)
3LD2003-1TL53	3LD2003-2EP53
3LD2103-1TL53	3LD2103-2EP53
3LD2203-1TL53	3LD2203-1TL53 + 3LD9200-5B
3LD2504-1TL53	3LD2504-1TP53 + 3LD9250-0BA
3LD2704-0TK53 + 3LD9280-0B	3LD2704-0TK53 + 3LD9280-0B + 3LD9200-5B
3LD2804-0TK53 + 3LD9280-0B	3LD2804-0TK53 + 3LD9280-0B + 3LD9200-5B
3LD2305-1TL13	3LD2305-1TL13 + 3LD9200-5B
3LD2405-1TL13	3LD2405-1TL13 + 3LD9200-5B
3LD2054-1TL53	3LD2054-2EP53
3LD2154-1TL53	3LD2154-2EP53
3LD2254-1TL53	3LD2254-1TL53 + 3LD9200-5B
3LD2555-0TK53 + 3LD9250-0BA	3LD2555-0TK53 + 3LD9250-0BA + 3LD9200-5B
3LD2022-1TL13	3LD2022-1TL13 + 3LD9200-5B
3LD2122-1TL13	3LD2122-1TL13 + 3LD9200-5B
3LD2222-0TK13 + 3LD9220-0B	3LD2222-0TK13 + 3LD9220-0B + 3LD9200-5B
3LD2050-1TL13	3LD2050-1TL13 + 3LD9200-5B
3LD2150-0TK13 + 3LD9220-0B	3LD2150-0TK13 + 3LD9220-0B + 3LD9200-5B
3LD2250-0TK13 + 3LD9220-0B	3LD2250-0TK13 + 3LD9220-0B + 3LD9200-5B



DISCONNECT
SWITCHES

Disconnect Switches

3LD2 accessories for front mounting

Selection

Accessories for front mounting

			3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD28 (160 A)	3LD24 (250 A)
Switching contacts for N conductor (4th contact)										
	Contacts		Catalog No.							
	Leading switch-on, lagging switch-off		3LD9220-0B	■	■					
			3LD9250-0BA			■				
			3LD9280-0B			■	■			
			3LD9240-0B					■	■	
N/PE terminals										
	Contacts		Catalog No.							
	Through-type		3LD9200-2B	■						
			3LD9220-2B		■	■				
			3LD9250-2BA				■			
			3LD9280-2B			■		■		
			3LD9240-2B					■	■	
Auxiliary switches (standard version)										
	<ul style="list-style-type: none"> For mounting on the left and/or right Lagging switch-on, leading switch-off 									
	Contacts	Contact surface	Catalog No.							
	1 NO + 1 NC	Standard	3LD9200-5B	■	■	■	■	■	■	■
		Gold-plated	3LD9200-5BF	■	■	■	■	■	■	■
Auxiliary switch for mounting on the front										
	<ul style="list-style-type: none"> Mounted on the switch shaft For four-hole front mounting and panel mounting only For long leading times (20 ... 150 m) Not for 6-pole 3LD23 (160 A) and 3LD24 (250 A) 									
	Contacts	Contact surface	Catalog No.							
	1 NO + 1 NC	Standard	3LD9280-5D	■	■	■	■	■	■	
			3LD9240-5D new							■
		Gold-plated	3LD9280-5DF	■	■	■	■	■	■	
			3LD9240-5DF							■
Rotary operating mechanisms										
	<ul style="list-style-type: none"> Lockable in 0 position with up to 3 padlocks 									
	Version	Mounting	Catalog No.							
For main control switches	Center-hole mounting		3LD9224-1D	■	■	■				
	Four-hole mounting		3LD9284-1D				■			
For EMERGENCY-STOP switches	Center-hole mounting		3LD9224-1B	■	■	■				
			3LD9284-1B				■	■	■	
	Four-hole mounting		3LD9224-3D	■	■	■				
			3LD9284-3D					■		
	Four-hole mounting		3LD9224-3B	■	■	■				
			3LD9284-3B				■	■	■	

Disconnect Switches

3LD2 accessories for front mounting

Selection

Accessories for front mounting

	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
Knob-operated mechanisms								
	• Lockable in 0 position with up to 3 padlocks							
	Version	Mounting	Catalog No.					
For main control switches	Four-hole mounting	3LD9243-1B					■	■
For EMERGENCY-STOP switches	Four-hole mounting	3LD9243-3B					■	■
Terminal covers								
	• Pack of 4 units							
	Number of poles	Catalog No.						
1-pole	3LD9201-2A	■						
	3LD9221-2A		■	■				
	3LD9251-2A				■			
	3LD9281-2A				■	■		
	3LD9241-2A					■		■
	3-pole	3LD9221-0A	■	■				
	3LD9251-0A				■			
	4-pole	3LD9201-1A	■					
Inscription labels								
	• Pack of 10 units							
	Inscription	Catalog No.						
German / English (Hauptschalter / Main Switch)	3LD9286-1A	■	■	■	■	■	■	
Without inscription	3LD9286-4A	■	■	■	■	■	■	
Assembly tools								
	• For center-hole mounting with nut • Pack of 5 units							
	Version	Catalog No.						
For main control switches and EMERGENCY-STOP switches	3LD9256-0A	■	■	■	■			

Disconnect Switches

3LD2 main control switches, panel mounting, 25 ... 50 kA_{eff}

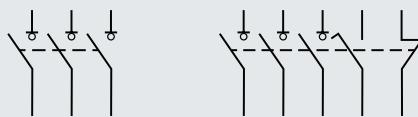
Selection

3LD2 main control switches,
panel mounting



Operating mechanisms, black

Number of poles 3P



Uninterrupted current I _U At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Door-coupling rotary operating mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2013-0TK51	3LD2013-0TK51 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2113-0TK51	3LD2113-0TK51 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2213-0TK51	3LD2213-0TK51 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2514-0TK51	3LD2514-0TK51 + 3LD9200-5C
100 A	37 kW	30 kW	3LD2714-0TK51	3LD2714-0TK51 + 3LD9200-5C
125 A	45 kW	37 kW	3LD2814-0TK51	3LD2814-0TK51 + 3LD9200-5C
160 A	75 kW	50 kW	3LD2318-0TK11	3LD2318-0TK11 + 3LD9200-5C
250 A	132 kW	110 kW	3LD2418-0TK11	3LD2418-0TK11 + 3LD9200-5C
Door-coupling rotary operating mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2044-0TK51	3LD2044-0TK51 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2144-0TK51	3LD2144-0TK51 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2244-0TK51	3LD2244-0TK51 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2545-0TK51	3LD2545-0TK51 + 3LD9200-5C
Defeatable door-coupling knob-operated mechanism, four-hole mounting				
16 A	7,5 kW	5,5 kW	3LD2017-0TK11	3LD2017-0TK11 + 3LD9200-5C
32 A	11,5 kW	9,5 kW	3LD2217-0TK11	3LD2217-0TK11 + 3LD9200-5C
63 A	22 kW	18,5 kW	3LD2517-0TK11	3LD2517-0TK11 + 3LD9200-5C

Scope of supply:

- Including terminal covers for the infeed side
- Up to 125 A with integrated tolerance compensation

Mounting:

- Up to 125 A using screws or snap-on mounting on 35 mm mounting rails

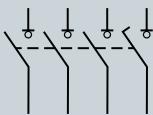
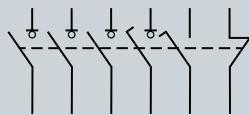
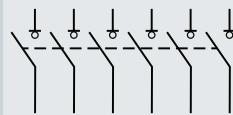
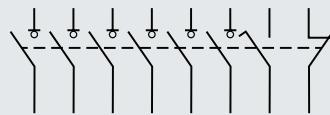
Accessories, see pages 5-26 to 5-27

Disconnect Switches

3LD2 main control switches, panel mounting, 25 ... 50 kA_{eff}

Selection



3P+N	1 NO + 1 NC (standard version)	6P	1 NO + 1 NC (standard version)
			
Without auxiliary switch	1 NO + 1 NC (standard version)	Without auxiliary switch	1 NO + 1 NC (standard version)
3LD2013-1TL51	3LD2013-1TL51	+ 3LD9200-5C	-
3LD2113-1TL51	3LD2113-1TL51	+ 3LD9200-5C	3LD2113-3VK51
3LD2213-1TL51	3LD2213-1TL51	+ 3LD9200-5C	-
3LD2514-1TL51	3LD2514-1TL51	+ 3LD9200-5C	-
3LD2714-0TK51 + 3LD9280-0C	3LD2714-0TK51 + 3LD9280-0C	+ 3LD9200-5C	-
3LD2814-0TK51 + 3LD9280-0C	3LD2814-0TK51 + 3LD9280-0C	+ 3LD9200-5C	-
3LD2318-1TL11	3LD2318-1TL11	+ 3LD9200-5C	3LD2318-3VK11
3LD2418-1TL11	3LD2418-1TL11	+ 3LD9200-5C	3LD2418-3VK11 + 3LD9200-5C
3LD2044-1TL51	3LD2044-1TL51	+ 3LD9200-5C	-
3LD2144-1TL51	3LD2144-1TL51	+ 3LD9200-5C	-
3LD2244-1TL51	3LD2244-1TL51	+ 3LD9200-5C	-
3LD2545-0TK51 + 3LD9250-0CA	3LD2545-0TK51 + 3LD9250-0CA	+ 3LD9200-5C	-
3LD2017-1TL11	3LD2017-1TL11 + 3LD9200-5C	-	-
3LD2217-1TL11	3LD2217-1TL11 + 3LD9200-5C	-	-
3LD2517-1TL11	3LD2517-1TL11 + 3LD9200-5C	-	-

Disconnect Switches

3LD2 EMERGENCY-STOP switches, panel mounting, 25 ... 50 kA_{eff}

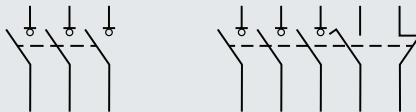
Selection

**3LD2 EMERGENCY-STOP switches,
panel mounting**



Operating mechanisms, red/yellow

Number of poles 3P



Uninterrupted current I _U At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Door-coupling rotary operating mechanism, four-hole mounting				
16 A	7.5 kW	5.5 kW	3LD2013-0TK53	3LD2013-0TK53 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2113-0TK53	3LD2113-0TK53 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2213-0TK53	3LD2213-0TK53 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2514-0TK53	3LD2514-0TK53 + 3LD9200-5C
100 A	37 kW	30 kW	3LD2714-0TK53	3LD2714-0TK53 + 3LD9200-5C
125 A	45 kW	37 kW	3LD2814-0TK53	3LD2814-0TK53 + 3LD9200-5C
160 A	75 kW	50 kW	3LD2318-0TK13	3LD2318-0TK13 + 3LD9200-5C
250 A	132 kW	110 kW	3LD2418-0TK13	3LD2418-0TK13 + 3LD9200-5C
Door-coupling rotary operating mechanism, center-hole mounting Ø 22.5 mm				
16 A	7.5 kW	5.5 kW	3LD2044-0TK53	3LD2044-0TK53 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2144-0TK53	3LD2144-0TK53 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2244-0TK53	3LD2244-0TK53 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2545-0TK53	3LD2545-0TK53 + 3LD9200-5C
Defeatable door-coupling knob-operated mechanism, four-hole mounting				
16 A	7,5 kW	5,5 kW	3LD2017-0TK13	3LD2017-0TK13 + 3LD9200-5C
32 A	11,5 kW	9,5 kW	3LD2217-0TK13	3LD2217-0TK13 + 3LD9200-5C
63 A	22 kW	18,5 kW	3LD2517-0TK13	3LD2517-0TK13 + 3LD9200-5C

Scope of supply:

- Including terminal covers for the infeed side
- Up to 125 A with integrated tolerance compensation

Mounting:

- Up to 125 A using screws or snap-on mounting on 35 mm mounting rails

Accessories, see pages 5-26 to 5-27

Disconnect Switches

3LD2 EMERGENCY-STOP switches, panel mounting, 25 ... 50 kA_{eff}

Selection



3P+N	1 NO + 1 NC (standard version)	6P	Without auxiliary switch	1 NO + 1 NC (standard version)
Without auxiliary switch	1 NO + 1 NC (standard version)	Without auxiliary switch	Without auxiliary switch	1 NO + 1 NC (standard version)
3LD2013-1TL53	3LD2013-1TL53	+ 3LD9200-5C	-	-
3LD2113-1TL53	3LD2113-1TL53	+ 3LD9200-5C	3LD2113-3VK53	3LD2113-4VP53
3LD2213-1TL53	3LD2213-1TL53	+ 3LD9200-5C	-	-
3LD2514-1TL53	3LD2514-1TL53	+ 3LD9200-5C	-	-
3LD2714-0TK53 + 3LD9280-0C	3LD2714-0TK53 + 3LD9280-0C	+ 3LD9200-5C	-	-
3LD2814-0TK53 + 3LD9280-0C	3LD2814-0TK53 + 3LD9280-0C	+ 3LD9200-5C	-	-
3LD2318-1TL13	3LD2318-1TL13	+ 3LD9200-5C	3LD2318-3VK13	3LD2318-3VK13 + 3LD9200-5C
3LD2418-1TL13	3LD2418-1TL13	+ 3LD9200-5C	3LD2418-3VK13	3LD2418-3VK13 + 3LD9200-5C
3LD2044-1TL53	3LD2044-1TL53	+ 3LD9200-5C	-	-
3LD2144-1TL53	3LD2144-1TL53	+ 3LD9200-5C	-	-
3LD2244-1TL53	3LD2244-1TL53	+ 3LD9200-5C	-	-
3LD2545-0TK53 + 3LD9250-0CA	3LD2545-0TK53 + 3LD9250-0CA	+ 3LD9200-5C	-	-
3LD2017-1TL13	3LD2017-1TL13 + 3LD9200-5C	-	-	-
3LD2217-1TL13	3LD2217-0TK13 + 3LD9200-5C	-	-	-
3LD2517-1TL13	3LD2517-1TL13 + 3LD9200-5C	-	-	-

Disconnect Switches

3LD2 accessories for panel mounting

Selection

Accessories for panel mounting

		3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)	
Switching contacts for N conductor (4th contact)										
	Contacts	Catalog No.								
	Leading switch-on, lagging switch-off	3LD9220-0C		■	■					
		3LD9250-0CA				■				
		3LD9280-0C					■	■		
		3LD9240-0C						■	■	
N/PE terminals										
	Contacts	Catalog No.								
	Through-type	3LD9200-2C	■							
		3LD9220-2C		■	■					
		3LD9250-2CA				■				
		3LD9280-2C					■	■		
		3LD9240-2C						■	■	
Auxiliary switches (standard version)										
	<ul style="list-style-type: none"> For mounting on the left and/or right Lagging switch-on, leading switch-off 									
	Contacts	Contact surface	Catalog No.							
	1 NO + 1 NC	Standard	3LD9200-5C	■	■	■	■	■	■	
		Gold-plated	3LD9200-5CF	■	■	■	■	■	■	
	2 NO	Standard	3LD9200-6C	■	■	■	■	■	■	
Auxiliary switch for mounting on the front										
	<ul style="list-style-type: none"> Mounted on the switch shaft For long leading times (20 ... 150 ms) 									
	Contacts	Contact surface	Catalog No.							
	1 NO + 1 NC	Standard	3LD9280-5D	■	■	■	■	■		
		Gold-plated	3LD9240-5D						■	
			3LD9280-5DF	■	■	■	■	■		
			3LD9240-5DF						■	
Rotary operating mechanisms										
	<ul style="list-style-type: none"> Lockable in 0 position with up to 3 padlocks 									
	Version	Mounting	Catalog No.							
	For main control switches	Center-hole mounting	3LD9224-1D	■	■	■				
		Four-hole mounting	3LD9284-1D				■			
			3LD9224-1B	■	■	■				
			3LD9284-1B				■	■		
	For EMERGENCY-STOP switches	Center-hole mounting	3LD9224-3D	■	■	■				
		Four-hole mounting	3LD9284-3D				■			
			3LD9224-3B	■	■	■				
			3LD9284-3B				■	■		
Knob-operated mechanisms										
	<ul style="list-style-type: none"> Lockable in 0 position with up to 3 padlocks 									
	Version	Mounting	Catalog No.							
	For main control switches	Four-hole mounting	3LD9243-1B					■	■	
	For EMERGENCY-STOP switches	Four-hole mounting	3LD9243-3B					■	■	

Disconnect Switches

3LD2 accessories for panel mounting

Selection

Accessories for panel mounting

		3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
8UC7.. door-coupling rotary operating mechanisms									
	Type	Version	Catalog No.						
8UC71	Standard	8UC7110-1BB					■	■	
	EMERGENCY-STOP	8UC7120-3BB				■	■		
8UC72	Standard	8UC7210-1BB						■	■
	EMERGENCY-STOP	8UC7220-3BB					■	■	
Coupling drivers									
	Version	Catalog No.							
For 8UC71 door-coupling rotary operating mechanisms	8UC6011					■	■		
For 8UC72 door-coupling rotary operating mechanisms	8UC6012							■	■
Switching shafts									
	Cross-section	Length	Catalog No.						
6 x 6 mm	300 mm	3LD9205-0C	■	■	■	■	■	■	
	600 mm	3LD9205-2C	■	■	■	■	■	■	
8 x 8 mm	300 mm	3LD9245-0C						■	■
	600 mm	3LD9245-2C						■	■
Coupling pieces									
	• Without ON-lock	Catalog No.							
		3LD9242-4F						■	■
Terminal covers									
• Pack of 4 units									
	Number of poles	Catalog No.							
1-pole	3LD9201-2A	■							
	3LD9221-2A		■	■					
	3LD9251-2A				■				
	3LD9281-2A					■	■		
	3LD9241-2A							■	■
	3-pole	3LD9221-0A	■	■					
		3LD9251-0A			■				
	4-pole	3LD9201-1A	■						
Inscription labels									
	• Pack of 10 units								
	• Cannot be used with defeatable 3LD2.17 door-coupling rotary operating mechanisms								
	Inscription	Catalog No.							
German / English (Hauptschalter / Main Switch)	3LD9286-1A	■	■	■	■	■	■	■	
Without inscription	3LD9286-4A	■	■	■	■	■	■	■	
Assembly tools									
	• For center-hole mounting with nut								
	• Pack of 5 units								
	Version	Catalog No.							
For main control switches and EMERGENCY-STOP switches	3LD9256-0A	■	■	■	■	■			

Disconnect Switches

3LD2 main control switches, installation in distribution boards, 25 ... 50 kA_{eff}

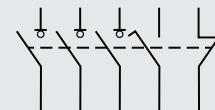
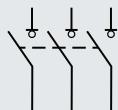
Selection

3LD2 main control switches,
installation in distribution boards



Operating mechanisms, black

Number of poles 3P



Uninterrupted current I _U At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Knob-operated mechanisms with masking plate				
16 A	7.5 kW	5.5 kW	3LD2030-0TK11	3LD2030-0TK11 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2130-0TK11	3LD2130-0TK11 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2230-0TK11	3LD2230-0TK11 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2530-0TK11	3LD2530-0TK11 + 3LD9200-5C
100 A	37 kW	30 kW	3LD2730-0TK11	3LD2730-0TK11 + 3LD9200-5C
125 A	45 kW	37 kW	3LD2830-0TK11	3LD2830-0TK11 + 3LD9200-5C
160 A	75 kW	50 kW	3LD2330-0TK11	3LD2330-0TK11 + 3LD9200-5C
250 A	132 kW	110 kW	3LD2430-0TK11	3LD2430-0TK11 + 3LD9200-5C

5

DISCONNECT
SWITCHES**Scope of supply:**

- 3LD23/3LD24 including terminal covers for the infeed side

Mounting:

- Up to 125 A using screws or snap-on mounting on 35 mm mounting rails
- Up to 125 A cap and mounting dimensions acc. to DIN 43880

Accessories

3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
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Switching contacts for N conductor (4th contact)

Contacts	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
Leading switch-on, lagging switch-off	3LD9220-0C 3LD9250-0CA 3LD9280-0C 3LD9240-0C		■	■					
					■				
					■	■			
							■	■	■

N/PE terminals

Contacts	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
Through-type	3LD9200-2C 3LD9220-2C 3LD9250-2CA 3LD9280-2C 3LD9240-2C	■		■					
			■	■					
					■				
					■	■			
							■	■	■

Auxiliary switches (standard version)

For mounting on the left and/or right • Lagging switch-on, leading switch-off									
Contacts	Contact surface	Catalog No.							
1 NO + 1 NC	Standard Gold-plated	3LD9200-5C 3LD9200-5CF	■	■	■	■	■	■	■
2 NO	Standard	3LD9200-6C	■	■	■	■	■	■	■

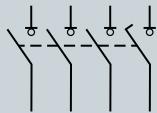
Disconnect Switches

3LD2 main control switches, installation in distribution boards, 25 ... 50 kA_{eff}

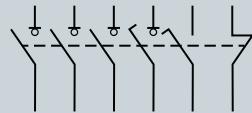
Selection



3P+N



Without auxiliary switch



1 NO + 1 NC
(standard version)

3LD2030-1TL11	3LD2030-1TL11	+ 3LD9200-5C
3LD2130-0TK11 + 3LD9220-0C	3LD2130-0TK11 + 3LD9220-0C	+ 3LD9200-5C
3LD2230-0TK11 + 3LD9220-0C	3LD2230-0TK11 + 3LD9220-0C	+ 3LD9200-5C
3LD2530-0TK11 + 3LD9250-0CA	3LD2530-0TK11 + 3LD9250-0CA	+ 3LD9200-5C
3LD2730-0TK11 + 3LD9280-0C	3LD2730-0TK11 + 3LD9280-0C	+ 3LD9200-5C
3LD2830-0TK11 + 3LD9280-0C	3LD2830-0TK11 + 3LD9280-0C	+ 3LD9200-5C
3LD2330-0TK11 + 3LD9240-0C	3LD2330-0TK11 + 3LD9240-0C	+ 3LD9200-5C
3LD2430-0TK11 + 3LD9240-0C	3LD2430-0TK11 + 3LD9240-0C	+ 3LD9200-5C

5

DISCONNECT
SWITCHES

Terminal covers

- Pack of 4 units



Number of poles

3LD20 (16 A) 3LD21 (25 A) 3LD22 (32 A) 3LD25 (63 A) 3LD27 (100 A) 3LD28 (125 A) 3LD23 (160 A) 3LD24 (250 A)

1-pole

Catalog No.

3LD9201-2A	■						
3LD9221-2A		■	■				
3LD9251-2A				■			
3LD9281-2A					■	■	
3LD9241-2A						■	■



3LD9221-0A	■	■					
3LD9251-0A			■				



3LD9201-1A	■						
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Disconnect Switches

3LD2 EMERGENCY-STOP switches, installation in distribution boards, 25 ... 50 kA_{eff}

Selection

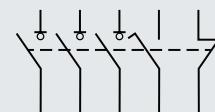
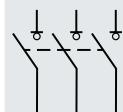
**3LD2 EMERGENCY-STOP switches,
installation in distribution boards**



Operating mechanisms, red/yellow

Number of poles

3P



Uninterrupted current I _u At AC-21A, 380 ... 440 V	Operational power P At AC-23A, 380 ... 440 V	Operational power P At AC-3A, 380 ... 440 V	Without auxiliary switch	1 NO + 1 NC (standard version)
Knob-operated mechanisms with masking plate				
16 A	7.5 kW	5.5 kW	3LD2030-0TK13	3LD2030-0TK13 + 3LD9200-5C
25 A	9.5 kW	7.5 kW	3LD2130-0TK13	3LD2130-0TK13 + 3LD9200-5C
32 A	11.5 kW	9.5 kW	3LD2230-0TK13	3LD2230-0TK13 + 3LD9200-5C
63 A	22 kW	18.5 kW	3LD2530-0TK13	3LD2530-0TK13 + 3LD9200-5C
100 A	37 kW	30 kW	3LD2730-0TK13	3LD2730-0TK13 + 3LD9200-5C
125 A	45 kW	37 kW	3LD2830-0TK13	3LD2830-0TK13 + 3LD9200-5C
160 A	75 kW	50 kW	3LD2330-0TK13	3LD2330-0TK13 + 3LD9200-5C
250 A	132 kW	110 kW	3LD2430-0TK13	3LD2430-0TK13 + 3LD9200-5C

Scope of supply:

- 3LD23/3LD24 including terminal covers for the infeed side

Mounting:

- Up to 125 A using screws or snap-on mounting on 35 mm mounting rails
- Up to 125 A cap and mounting dimensions acc. to DIN 43880

5

DISCONNECT
SWITCHES

Accessories

Switching contacts for N conductor (4th contact)

Contacts	Catalog No.							
	3LD9220-0C	■	■	■				
Leading switch-on, lagging switch-off	3LD9250-0CA				■			
	3LD9280-0C				■	■		
	3LD9240-0C				■	■	■	■

N/PE terminals

Contacts	Catalog No.							
	3LD9200-2C	■						
Through-type	3LD9220-2C	■	■	■				
	3LD9250-2CA				■			
	3LD9280-2C				■	■		
	3LD9240-2C				■	■	■	■

Auxiliary switches (standard version)

For mounting on the left and/or right • Lagging switch-on, leading switch-off								
Contacts	Contact surface	Catalog No.						
1 NO + 1 NC	Standard	3LD9200-5C	■	■	■	■	■	■
	Gold-plated	3LD9200-5CF	■	■	■	■	■	■
2 NO	Standard	3LD9200-6C	■	■	■	■	■	■

Terminal covers

Pack of 4 units								
Number of poles	Catalog No.							
1-pole	3LD9201-2A	■						
	3LD9221-2A		■	■				
	3LD9251-2A				■			
	3LD9281-2A				■	■		
	3LD9241-2A					■	■	■
3-pole	3LD9221-0A	■	■	■				
	3LD9251-0A				■			
4-pole	3LD9201-1A	■						

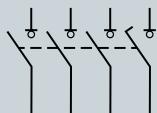
Disconnect Switches

3LD2 EMERGENCY-STOP switches, installation in distribution boards, 25 ... 50 kA_{eff}

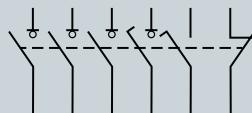
Selection



3+N



Without auxiliary switch



1 NO + 1 NC
(standard version)

3LD2030-1TL13	3LD2030-1TL13	+ 3LD9200-5C
3LD2130-0TK13 + 3LD9220-0C	3LD2130-0TK13 + 3LD9220-0C	+ 3LD9200-5C
3LD2230-0TK13 + 3LD9220-0C	3LD2230-0TK13 + 3LD9220-0C	+ 3LD9200-5C
3LD2530-0TK13 + 3LD9250-0CA	3LD2530-0TK13 + 3LD9250-0CA	+ 3LD9200-5C
3LD2730-0TK13 + 3LD9280-0C	3LD2730-0TK13 + 3LD9280-0C	+ 3LD9200-5C
3LD2830-0TK13 + 3LD9280-0C	3LD2830-0TK13 + 3LD9280-0C	+ 3LD9200-5C
3LD2330-0TK13 + 3LD9240-0C	3LD2330-0TK13 + 3LD9240-0C	+ 3LD9200-5C
3LD2430-0TK13 + 3LD9240-0C	3LD2430-0TK13 + 3LD9240-0C	+ 3LD9200-5C

5

DISCONNECT
SWITCHES

Disconnect Switches

3LD switch disconnectors

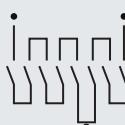
DC isolators, 50 kA_{rms}

DC isolators



Operating mechanisms, black

Number of poles 8P



Mains voltage	Rated operational current I _e At DC-21A, 800 V DC	Rated operational current I _e At DC-22A, 800 V DC	Without auxiliary switch
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Knob-operated mechanisms

800 V DC

32 A

16 A

3LD2230-8VQ11-0AF6

Disconnect Switches

Accessories for 3LD2 main control and EMERGENCY-STOP switches

Selection

Accessories for 3LD2 main control and EMERGENCY-STOP switches

Additional poles

	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
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Switching contacts for N conductor (4th contact)

	Version	Contacts	Catalog No.					
			3LD9220-0B	3LD9250-0BA	3LD9280-0B	3LD9240-0B	3LD9220-0C	3LD9250-0CA
	For front mounting, installation in distribution boards	Leading switch-on, lagging switch-off	3LD9280-0C	■	■			
			3LD9240-0C			■	■	
			3LD9220-0C	■	■			
			3LD9250-0C		■		■	■

N/PE terminals

	Version	Contacts	Catalog No.					
			3LD9200-2B	3LD9220-2B	3LD9250-2BA	3LD9280-2B	3LD9240-2B	3LD9200-2C
	For panel mounting, installation in distribution boards	Through-type	3LD9280-2C	■				
			3LD9240-2C		■			
			3LD9220-2C		■			
			3LD9250-2C			■		

Auxiliary switches (standard version)

• For mounting on the left and/or right • Lagging switch-on, leading switch-off								
	Version	Contacts	Catalog No.					
			3LD9200-5B	■	■	■	■	■
	For front mounting, installation in distribution boards	1 NO + 1 NC, standard	3LD9200-5BF	■	■	■	■	■
			3LD9200-5C	■	■	■	■	■
		1 NO + 1 NC, gold-plated	3LD9200-5CF	■	■	■	■	■
		2 NO, standard	3LD9200-6C	■	■	■	■	■

Auxiliary switch for mounting on the front

• Mounted on the front of the switch shaft • For four-hole front mounting and panel mounting only • For long leading times (20 ... 150 ms)								
	Contacts	Contact surface	Catalog No.					
			3LD9280-5D	■	■	■	■	■
	Gold-plated		3LD9240-5D				■	■
			3LD9280-5DF	■	■	■	■	■
			3LD9240-5DF				■	■

Disconnect Switches

Accessories for 3LD2 main control and EMERGENCY-STOP switches

Selection

Operating mechanisms

Rotary operating mechanisms



- Lockable in 0 position with up to 3 padlocks
- Center-hole mounting, including seal and nut
- Four-hole mounting, including seal



Switch	Mounting	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
For main control switches	Center-hole mounting	3LD9224-1D	■	■	■					
	Four-hole mounting	3LD9284-1D				■	■	■		
		3LD9224-1B	■	■	■					
		3LD9284-1B				■	■	■		
For EMERGENCY-STOP switches	Center-hole mounting	3LD9224-3D	■	■	■					
	Four-hole mounting	3LD9284-3D				■	■	■		
		3LD9224-3B	■	■	■					
		3LD9284-3B				■	■	■		

Knob-operated mechanisms



- Lockable in 0 position with up to 3 padlocks
- Including seal

Switch	Mounting	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
For main control switches	Four-hole mounting	3LD9243-1B						■	■	
For EMERGENCY-STOP switches	Four-hole mounting	3LD9243-3B						■	■	

Switching shafts



Version	Cross-section	Length	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
For panel mounting	6 × 6 mm	300 mm	3LD9205-0C	■	■	■	■	■	■		
		600 mm	3LD9205-2C	■	■	■	■	■	■		
	8 × 8 mm	300 mm	3LD9245-0C						■	■	
		600 mm	3LD9245-2C						■	■	

Coupling pieces



- Without ON-lock

Version	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
For panel mounting	3LD9242-4F						■	■	

Other accessories

3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
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Terminal covers



- Pack of 4 units

Number of poles	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
1-pole	3LD9201-2A	■							
	3LD9221-2A		■	■					
	3LD9251-2A				■				
	3LD9281-2A				■	■			
	3LD9241-2A						■	■	
3-pole	3LD9221-0A		■	■					
	3LD9251-0A				■				
4-pole	3LD9201-1A	■							

Inscription labels



- Pack of 10 units

Inscription	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
German / English (Hauptschalter / Main Switch)	3LD9286-1A	■	■	■	■	■	■		
Without inscription	3LD9286-4A	■	■	■	■	■	■		

Assembly tools



- For center-hole mounting with nut
- Pack of 5 units

Switch	Catalog No.	3LD20 (16 A)	3LD21 (25 A)	3LD22 (32 A)	3LD25 (63 A)	3LD27 (100 A)	3LD28 (125 A)	3LD23 (160 A)	3LD24 (250 A)
For main control switches and EMERGENCY-STOP switches	3LD9256-0A	■	■	■	■	■			