

Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application



Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	16	7.5	3LD2003-0TK5□
	25	9.5	3LD2103-0TK5□
	32	11.5	3LD2203-0TK5□
	63	22	3LD2504-0TK5□
	100	37	3LD2704-0TK5□
	125	45	3LD2804-0TK5□
	160	75	3LD2305-0TK1□
	250	132	3LD2405-0TK1□

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	16	7.5	3LD2022-0TK1□
	25	9.5	3LD2122-0TK1□
	32	11.5	3LD2222-0TK1□

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	25	9.5	3LD2123-7UK01
	32	11.5	3LD2223-7UK01
	63	22	3LD2524-7UK01
	100	37	3LD2724-7UK01
	160	75	3LD2305-7UK01
	250	132	3LD2405-7UK01

Changeover switch with knob Operated Mechanism In moulded plastic enclosure



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	25	9.5	3LD21657UB01
	32	11.5	3LD22657UB01
	63	22	3LD25667UB01
	100	37	3LD27667UB01

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

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	16	7.5	3LD2013-0TK5□
	25	9.5	3LD2113-0TK5□
	32	11.5	3LD2213-0TK5□
	63	22	3LD2514-0TK5□
	100	37	3LD2714-0TK5□
	125	45	3LD2814-0TK5□
	160	75	3LD2318-0TK1□
	250	132	3LD2418-0TK1□

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type
3	16	7.5	3LD2064-0TB5□
	25	9.5	3LD2164-0TB5□
	32	11.5	3LD2264-0TB5□
	63	22	3LD2565-0TB5□
	100	37	3LD2766-0TB5□
	125	45	3LD2866-0TB5□

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

Configurator for 3LD

- Ready-to-install version
- Application specific switches
- Accessories



Accessories for 3LD2

Mounting	Description	For Switch	Type	Std. pkg. (nos.)
For front mounting switch	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0B	1
		3LD25 (63A)	3LD9250-0BA	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1
		3LD25 (63A)	3LD9250-2BA	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	1
For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0C	1
		3LD25 (63A)	3LD9250-0CA	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1
		3LD25 (63A)	3LD9250-2CA	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	1
Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting	4 pole	3LD20 (16A)	3LD9201-1A	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	4
	3 pole	3LD25 (63A)	3LD9251-0A	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	4
	1 pole	3LD23 (160A) and 3LD24 (250A)	3LD9241-2A	4
For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure	Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms)	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	3LD9280-5D	1
		3LD23 and 3LD24	3LD9240-5D	1

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens partner for further details.



Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Std. pkg. (nos.)
Open execution	On/Off	7.5	3LA0201-1YA	10
		30	3LA0601-1YB	5
	System selector	5.5	3LA0202-1YA	10
		30	3LA0602-1YB	5
	Reversing	5.5	3LA0203-1YA	10
		30	3LA0603-1YB	5
	Star-delta	12	3LA0204-5YA	10
		30	3LA0604-1YB	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	10
	Reversing pole changing	5.5	3LA0205-3YA	10

Spares & accessories for motor control switches**



Description	Type	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	10
Machine handle – Black	3LX0 611-2YA	10
Indicating dial for size 2	3LX0 220-1YA	10
Indicating dial for size 6	3LX0 620-1YA	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	10

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		Std. pkg. (nos.)
	AC 22A	AC 23A	Type		
2	25	16	3LA0205-4YA		10
	63	52	3LA0605-1YB		5
4	25	16	3LA0205-5YA		10
	63	52	3LA0605-2YB		5

POR: Price On Request

* LP - List Price



3LD4

Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

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SIEMENS

3LD4 Control Switches

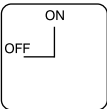
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation



ON OFF Switches

90° operation



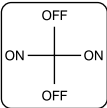
Type#	Description
3LD4 ___ 1AA00-ORC0	1 Pole
3LD4 ___ 2AA00-ORC0	2 Pole
3LD4 ___ 3AA00-ORC0	3 Pole
3LD4 ___ 4AA00-ORC0	4 Pole

NEW

Std. pkg. (nos.)

1

90° Operation with complete rotation



Type#	Description
3LD4 ___ 1BC00-ORC0	1 Pole
3LD4 ___ 2BC00-ORC0	2 Pole
3LD4 ___ 3BC00-ORC0	3 Pole
3LD4 ___ 4BC00-ORC0	4 Pole

NEW

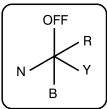
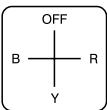
Std. pkg. (nos.)

1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD40013AA00-ORC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



Description	Rating	Type#
Line currents with OFF	6A	3LD40014DC200RC0
	10A	3LD41024DC200RC0
	16A	3LD41034DC200RC0
	20A	3LD41044DC200RC0
Line currents with Neutral with OFF	6A	3LD40014DD200RC0
	10A	3LD41024DD200RC0
	16A	3LD41034DD200RC0
	20A	3LD41044DD200RC0

Std. pkg. (nos.)

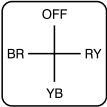
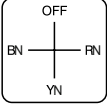
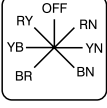
1



* LP - List Price

3LD4 Control Switches

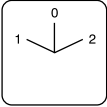
Voltmeter Selector Switch (VSS)

	Description	Rating	Type#	Std. pkg. (nos.)
	Line voltages with OFF	6A	3LD40014DC300RC0	1
		10A	3LD41024DC300RC0	
		16A	3LD41034DC300RC0	
		20A	3LD41044DC300RC0	
	Phase voltages with OFF	6A	3LD40014DC310RC0	
		10A	3LD41024DC310RC0	
		16A	3LD41034DC310RC0	
		20A	3LD41044DC310RC0	
	Line & Phase voltages with OFF	6A	3LD40014DF300RC0	
		10A	3LD41024DF300RC0	
		16A	3LD41034DF300RC0	
		20A	3LD41044DF300RC0	



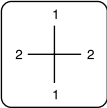
Changeover Switch

With OFF (60°)

	Type#	Description	Std. pkg. (nos.)
	3LD4 ___ 1BB10-ORC0	1P 2W	1
	3LD4 ___ 2BB10-ORC0	2P 2W	
	3LD4 ___ 3BB10-ORC0	3P 2W	
	3LD4 ___ 4BB10-ORC0 NEW	4P 2W	

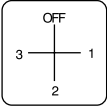


Without OFF (90°)

	Type#	Description	Std. pkg. (nos.)
	3LD4 ___ 1PC10-ORC0	1P 2W	1
	3LD4 ___ 2PC10-ORC0	2P 2W	
	3LD4 ___ 3PC10-ORC0	3P 2W	
	3LD4 ___ 4PC10-ORC0 NEW	4P 2W	



Phase Changeover Switch (PCS)

	Type#	Description	Std. pkg. (nos.)
	3LD4 ___ 1CC10-ORC0	1P 3W	1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD41023BB10-ORC0

* LP - List Price

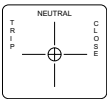
3LD4 Control Switches

Breaker Control Switch NEW

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers. BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

Product Features

- Pistol grip handle for easy operation
- Spring return operation
- High electrical & mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1

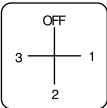


Description	Rating	Type#
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0
	32A	3LD4206-2BB50-0RC0
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0
	32A	3LD4206-4BB50-0RC0

Std. pkg. (nos.)
1

Multistep Switch

Multistep 3 Way with OFF

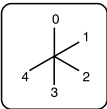


Type#	Description
3LD4 ___ 1CC40-0RC0	1P 3W
3LD4 ___ 2CC40-0RC0	2P 3W
3LD4 ___ 3CC40-0RC0	3P 3W
3LD4 ___ 4CC40-0RC0	4P 3W



Std. pkg. (nos.)
1

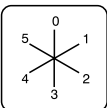
Multistep 4 Way with OFF



Type#	Description
3LD4 ___ 1DD40-0RC0	1P 4W
3LD4 ___ 2DD40-0RC0	2P 4W
3LD4 ___ 3DD40-0RC0	3P 4W

Std. pkg. (nos.)
1

Multistep 5 Way with OFF



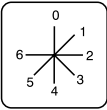
Type#	Description
3LD4 ___ 1EE40-0RC0	1P 5W
3LD4 ___ 2EE40-0RC0	2P 5W

Std. pkg. (nos.)
1

* LP - List Price

Multistep Switch

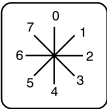
Multistep 6 Way with OFF



Type#	Description
3LD4 ___ 1FF40-ORC0	1P 6W
3LD4 ___ 2FF40-ORC0	2P 6W

Std. pkg. (nos.)
1

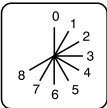
Multistep 7 Way with OFF



Type#	Description
3LD4 ___ 1GG40-ORC0	1P 7W

Std. pkg. (nos.)
1

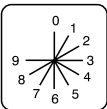
Multistep 8 Way with OFF



Type#	Description
3LD4 ___ 1HH40-ORC0	1P 8W

Std. pkg. (nos.)
1

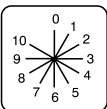
Multistep 9 Way with OFF



Type#	Description
3LD4 ___ 1JJ40-ORC0	1P 9W

Std. pkg. (nos.)
1

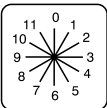
Multistep 10 Way with OFF



Type#	Description
3LD4 ___ 1KK40-ORC0	1P 10W

Std. pkg. (nos.)
1

Multistep 11 Way with OFF



Type#	Description
3LD4 ___ 1LL40-ORC0	1P 11W

Std. pkg. (nos.)
1

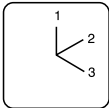
Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORC0

* LP - List Price

Multistep Switch



Multistep 3 Way without OFF

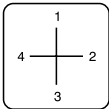


Type#	Description
3LD4 ___ 1QB40-0RC0	1P 3W
3LD4 ___ 2QB40-0RC0	2P 3W
3LD4 ___ 3QB40-0RC0	3P 3W
3LD4 ___ 4QB40-0RC0	4P 3W

Std.
pkg.
(nos.)

1

Multistep 4 Way without OFF

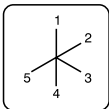


Type#	Description
3LD4 ___ 1RC40-0RC0	1P 4W
3LD4 ___ 2RC40-0RC0	2P 4W
3LD4 ___ 3RC40-0RC0	3P 4W

Std.
pkg.
(nos.)

1

Multistep 5 Way without OFF

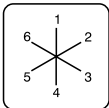


Type#	Description
3LD4 ___ 1SD40-0RC0	1P 5W
3LD4 ___ 2SD40-0RC0	2P 5W

Std.
pkg.
(nos.)

1

Multistep 6 Way without OFF

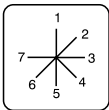


Type#	Description
3LD4 ___ 1TE40-0RC0	1P 6W
3LD4 ___ 2TE40-0RC0	2P 6W

Std.
pkg.
(nos.)

1

Multistep 7 Way without OFF



Type#	Description
3LD4 ___ 1UF40-0RC0	1P 7W

Std.
pkg.
(nos.)

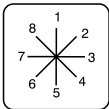
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Control Switches

* LP - List Price

Multistep Switch

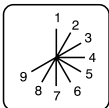
Multistep 8 Way without OFF



Type#	Description
3LD4 ___ 1VG40-ORCO	1P 8W

Std. pkg. (nos.)
1

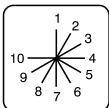
Multistep 9 Way without OFF



Type#	Description
3LD4 ___ 1WH40-ORCO	1P 9W

Std. pkg. (nos.)
1

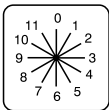
Multistep 10 Way without OFF



Type#	Description
3LD4 ___ 1XJ40-ORCO	1P 10W

Std. pkg. (nos.)
1

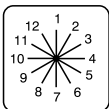
Multistep 11 Way without OFF



Type#	Description
3LD4 ___ 1YK40-ORCO	1P 11W

Std. pkg. (nos.)
1

Multistep 12 Way without OFF



Type#	Description
3LD4 ___ 1ZL40-ORCO	1P 12W

Std. pkg. (nos.)
1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way with OFF the complete type no will be 3LD44013DD40-ORCO

* LP - List Price

