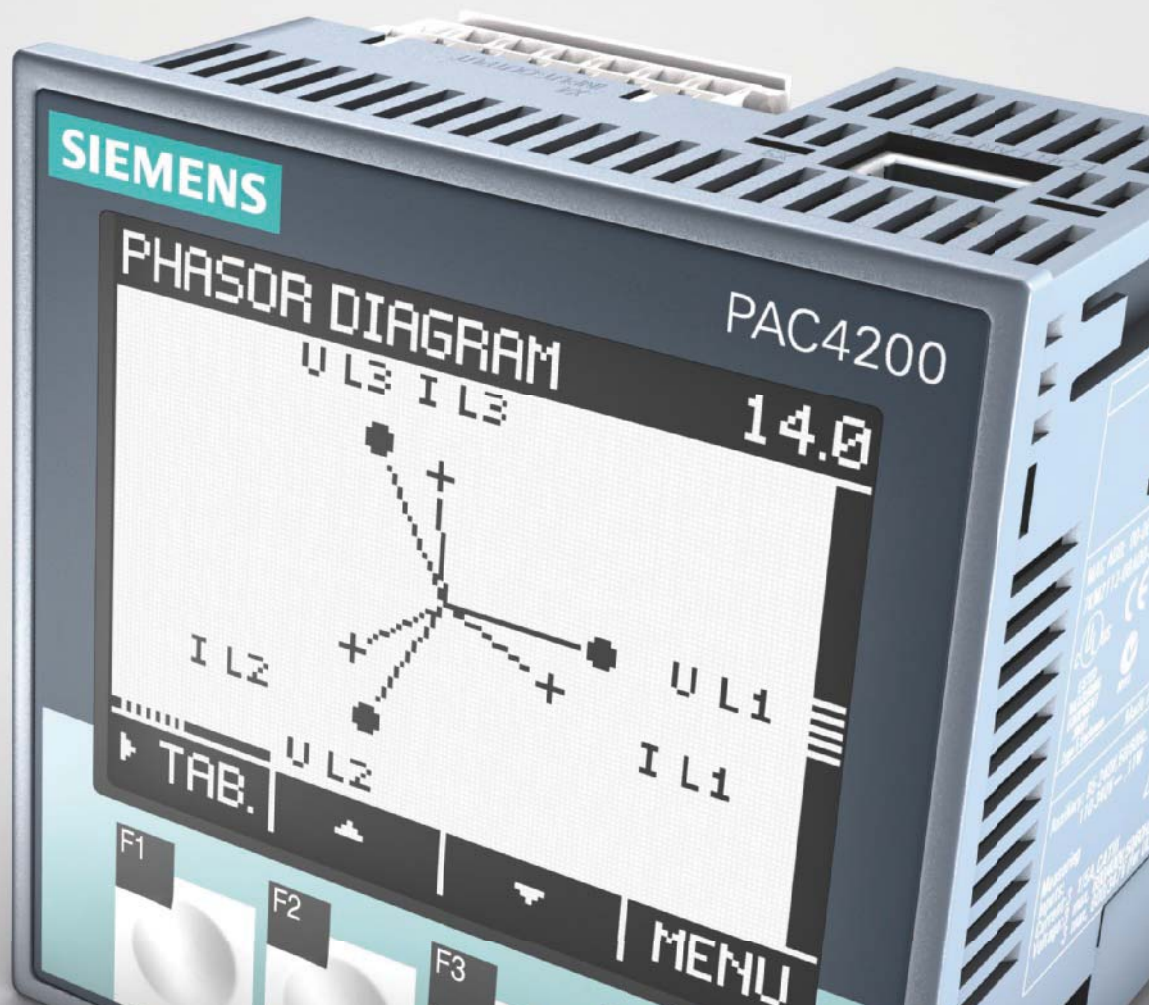


Low-Voltage Power Distribution and Electrical Installation Technology

Protection, Switching, Measuring and Monitoring Devices

Catalog LV 10.1 · 2012



SENTRON

Answers for infrastructure.

SIEMENS

Molded Case Circuit Breakers

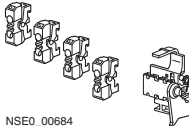
3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

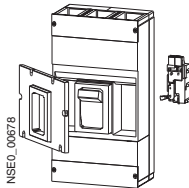
2

Selection and ordering data

Wiring directly at accessories		DT	For VL160X to VL400 (3VL1 to 3VL4)		PU (UNIT, SET, M)	PS/ P. unit	PG	Weight per PU approx.
			Order No.	Price per PU				kg
Auxiliary switches and auxiliary releases								
3- or 4-pole								
For retrofitting (for possible complements see Technical Information at www.siemens.com/lowvoltage/support .)								
Auxiliary switches (HS) and alarm switches (AS)								
For retrofitting								
Assembly kits		Mounting side						
2 HS (1 NO + 1 NC)		N, left ¹⁾ , right		A	3VL9 400-2AB00	1	1 unit	113 0.027
4 HS (2 NO + 2 NC)		N, left ¹⁾ , right			--			
2 HS (1 NC + 1 NO)		Left ¹⁾ , right ³⁾		A	3VL9 400-2AD00	1	1 unit	113 0.051
+ 1 AS (1 NO) (assembly kit)		Left ¹⁾			--			
Additional auxiliary switch/alarm switch combinations				See page 2/63.				
Shunt releases ²⁾								
For retrofitting								
V AC	V DC	Mounting side						
24	24	Right pole only		A	3VL9 400-1SC00	1	1 unit	113 0.075
--	48 ... 60	Right pole only		A	3VL9 400-1SJ00	1	1 unit	113 0.075
--	110 ... 127	Right pole only		A	3VL9 400-1SK00	1	1 unit	113 0.075
--	220 ... 250	Right pole only		A	3VL9 400-1SQ00	1	1 unit	113 0.075
48 ... 60	--	Right pole only		A	3VL9 400-1SM00	1	1 unit	113 0.075
110 ... 127	--	Right pole only		A	3VL9 400-1SR00	1	1 unit	113 0.075
208 ... 277	--	Right pole only		A	3VL9 400-1ST00	1	1 unit	113 0.075
380 ... 600	--	Right pole only		A	3VL9 400-1SV00	1	1 unit	113 0.075
Undervoltage releases								
For retrofitting								
V AC	V DC	Mounting side						
--	12	Right pole only		A	3VL9 400-1UN00	1	1 unit	113 0.075
--	24	Right pole only		A	3VL9 400-1UP00	1	1 unit	113 0.075
--	48	Right pole only		A	3VL9 400-1UU00	1	1 unit	113 0.075
--	60	Right pole only		A	3VL9 400-1UV00	1	1 unit	113 0.075
24	--	Right pole only		A	3VL9 400-1UD00	1	1 unit	113 0.075
110 ... 127	--	Right pole only		A	3VL9 400-1UG00	1	1 unit	113 0.075
--	110 ... 127	Right pole only		A	3VL9 400-1UR00	1	1 unit	113 0.075
208	--	Right pole only		A	3VL9 400-1UM00	1	1 unit	113 0.075
220 ... 250	--	Right pole only		A	3VL9 400-1UH00	1	1 unit	113 0.075
--	220 ... 250	Right pole only		A	3VL9 400-1US00	1	1 unit	113 0.075
277	--	Right pole only		A	3VL9 400-1UQ00	1	1 unit	113 0.075
380 ... 415	--	Right pole only		A	3VL9 400-1UJ00	1	1 unit	113 0.075
440 ... 480	--	Right pole only		A	3VL9 400-1UK00	1	1 unit	113 0.075
500 ... 525	--	Right pole only		A	3VL9 400-1UL00	1	1 unit	113 0.075
Time-delay devices for undervoltage releases (220 ... 250 V DC)								
Rated control supply voltage U _s 220 ... 250 V AC								
Delay time > 200 ms				A	3TX4 701-0AN1	1	1 unit	41B 0.170
Storage devices for shunt releases (208 ... 277 V AC/220 ... 250 V DC)								
Rated control supply voltage U _s 220 V ... 240 V AC/220 V ... 250 V DC								
Storage time 5 min				B	3WL9 111-0BA14-0AA0	1	1 unit	103 0.520



NSE0_00684



NSE0_00678

3VL9 400-2A.00

3VL9 400-1S.00,
3VL9 400-1U.00

¹⁾ Except for installation in the left accessory compartment of the VL160X (3VL1) molded case circuit breakers with RCD module.

²⁾ Shunt releases with disconnection contact (3SB3 for ON/OFF position) not floating (see Technical Information at www.siemens.com/lowvoltage/support).

³⁾ In the case of VL400 (3VL4):
Unsuitable for mounting in the right-hand accessory compartment.
The 3VL9 400-2AB00 assembly kit with auxiliary switches only is recommended.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Wiring directly at accessories

DT

For VL630 up to VL1600
(3VL5 to 3VL8)

Order No.

Price
per PUPU
(UNIT,
SET, M)PS*/
P. unit

PG

Weight
per PU
approx.

kg

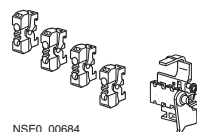
Auxiliary switches and auxiliary releases

3- or 4-pole

For retrofitting (for possible complements see Technical Information at www.siemens.com/lowvoltage/support.)

Auxiliary switches (HS) and alarm switches (AS)

For retrofitting



NSE0_00684

3VL9 800-2A.00

Assembly kits

Mounting side

2 HS (1 NO + 1 NC)

N, left, right

--

4 HS (2 NO + 2 NC)

N, left, right

A

3VL9 800-2AC00

1

1 unit

113

0.058

2 HS (1 NC + 1 NO)

Left, right

--

+ 1 AS (1 NO)
(assembly kit)

Left

A

3VL9 800-2AE00

1

1 unit

113

0.060

Additional auxiliary switch/alarm switch combinations

See page 2/63.

Shunt releases¹⁾

For retrofitting

V AC

V DC

Mounting side

24

24

Right pole only

A

3VL9 800-1SC00

1

1 unit

113

0.120

--

48 ... 60

Right pole only

A

3VL9 800-1SJ00

1

1 unit

113

0.120

--

110 ... 127

Right pole only

A

3VL9 800-1SK00

1

1 unit

113

0.120

--

220 ... 250

Right pole only

A

3VL9 800-1SQ00

1

1 unit

113

0.120

--

48 ... 60

Right pole only

A

3VL9 800-1SM00

1

1 unit

113

0.120

110 ... 127

--

Right pole only

A

3VL9 800-1SR00

1

1 unit

113

0.120

208 ... 277

--

Right pole only

A

3VL9 800-1ST00

1

1 unit

113

0.120

380 ... 600

--

Right pole only

A

3VL9 800-1SV00

1

1 unit

113

0.120

Undervoltage releases

For retrofitting

V AC

V DC

Mounting side

--

12

Right pole only

A

3VL9 800-1UN00

1

1 unit

113

0.088

--

24

Right pole only

A

3VL9 800-1UP00

1

1 unit

113

0.088

--

48

Right pole only

A

3VL9 800-1UU00

1

1 unit

113

0.088

--

60

Right pole only

A

3VL9 800-1UV00

1

1 unit

113

0.088

24

--

Right pole only

A

3VL9 800-1UD00

1

1 unit

113

0.088

110 ... 127

--

Right pole only

A

3VL9 800-1UG00

1

1 unit

113

0.088

--

110 ... 127

Right pole only

A

3VL9 800-1UR00

1

1 unit

113

0.088

208

--

Right pole only

A

3VL9 800-1UM00

1

1 unit

113

0.088

220 ... 250

--

Right pole only

A

3VL9 800-1UH00

1

1 unit

113

0.088

--

220 ... 250

Right pole only

A

3VL9 800-1US00

1

1 unit

113

0.088

277

--

Right pole only

A

3VL9 800-1UQ00

1

1 unit

113

0.088

380 ... 415

--

Right pole only

A

3VL9 800-1UJ00

1

1 unit

113

0.088

440 ... 480

--

Right pole only

A

3VL9 800-1UK00

1

1 unit

113

0.088

500 ... 525

--

Right pole only

A

3VL9 800-1UL00

1

1 unit

113

0.088

Time-delay devices for undervoltage releases (220 ... 250 V DC)

Rated control supply voltage U_s

220 ... 250 V AC

Delay time > 200 ms

A

3TX4 701-0AN1

1

1 unit

41B

0.170

Storage devices for shunt releases (208 ... 277 V AC/220 ... 250 V DC)

Rated control supply voltage U_s

220 V ... 240 V AC/220 V ... 250 V DC

Storage time 5 min

B

3WL9 111-0BA14-0AA0

1

1 unit

103

0.520

¹⁾ Shunt releases with disconnection contact (3SB3 for ON/OFF position) not floating (see Technical Information at www.siemens.com/lowvoltage/support).

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

For circuit breakers	Maximum combination of auxiliary switches (HS) and alarm switches (AS)	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
Type								kg

3SB adapters and 3SB contact blocks

Mounting adapters for auxiliary and alarm switch combinations

For installation in the N pole of the circuit breaker

VL160X, VL160, VL250, VL400 (3VL1 to 3VL4)	Up to 3 HS ¹⁾ 2 HS + 1 AS ¹⁾²⁾	A	3VL9 400-2AH00 --		1	1 unit	113	0.009
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS 2 HS + 2 AS	A	3VL9 816-2AL00 --		1	1 unit	113	0.075

For installation in the left pole of the circuit breaker

VL160X, VL160, VL250, VL400 (3VL1 to 3VL4)	Up to 3 HS ¹⁾ 2 HS + 1 AS ¹⁾²⁾	A	3VL9 400-2AH00		1	1 unit	113	0.009
		A	3VL9 400-2AJ10		1	1 unit	113	0.001
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS 2 HS + 2 AS	A	3VL9 816-2AL00 3VL9 816-2AN10		1	1 unit	113	0.075 0.072

For installation in the right pole of the circuit breaker

VL160X, VL160, VL250, VL400 (3VL1 to 3VL4) ²⁾	Up to 3 HS ¹⁾ 2 HS + 1 AS ¹⁾²⁾	A	3VL9 400-2AH00		1	1 unit	113	0.009
		A	3VL9 400-2AJ20		1	1 unit	113	0.001
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS 2 HS + 2 AS	A	3VL9 816-2AL00 --		1	1 unit	113	0.075

¹⁾ Except for installing in the left pole for VL160X (3VL1) molded case circuit breakers with RCD module.

²⁾ In the case of VL400: 3VL9 400-2AJ20 unsuitable for mounting in the right-hand accessory compartment.

For auxiliary/alarm switches	DT	Circuit breakers Type	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
		VL160X to VL1600 (3VL1 to 3VL8)				
		Order No.	Price per PU			kg

Switching blocks for auxiliary and alarm switch combinations

1 NO	B	3SB34 00-0J		1	1 unit	41J	0.010
1 NC	B	3SB34 00-0K		1	1 unit	41J	0.010

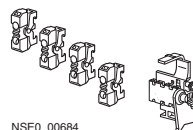
For auxiliary switch or alarm switch combinations not included in the kits provided as standard, the mounting adapters specified can be ordered separately together with the required contact blocks:

- 1 HS or 1 AS with NO contact 3SB34 00-0J
- 1 HS or 1 AS with NC contact 3SB34 00-0K

Note:

A maximum of 6 contact blocks (HS) per circuit breaker (VL160X, VL160, VL250, VL400; 3VL1 to 3VL4) and a maximum of 8 contact blocks (HS) per circuit breaker (VL630, VL800, VL1250, VL1600; 3VL5 to 3VL8) are possible.

Four 3SB34 auxiliary contact blocks and one mounting adapter (right), suitable for VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8) circuit breakers.



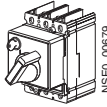
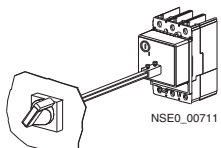
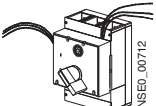
NSE0_00684

For retrofitting/possible complement see Technical Information at www.siemens.com/lowvoltage/support.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL160X to VL250 (3VL1 to 3VL3) Order No.	Price per PU	PU (UNIT, SET, M)	PS* P. unit	PG	Weight per PU approx. kg
Operating mechanisms							
3- or 4-pole							
 3VL9 .00-3H.00	Front-operated rotary operating mechanisms¹⁾						
	For direct mounting on the circuit breaker, without leading auxiliary switch, degree of protection IP30 ²⁾ , black, max. 3 padlocks						
	<u>EMERGENCY-STOP version</u>						
 3VL9 .00-3H.05	Red knob, yellow indicator plate						
	Safety locks for installation by the customer see pages 2/86 to 2/90 .						
	Front-operated rotary operating mechanisms with shaft stub, without knob¹⁾						
	without leading auxiliary switch, for auxiliary switches see below .						
 3VL9 .00-3A.10	Door-coupling rotary operating mechanisms, complete¹⁾						
	Installation in doors and covers						
	Degree of protection IP65, including handle ti-grey, with masking plate, indicator plate, removable door coupling (die cast with reduced tolerance compensation), extension shaft (8 x 8 mm), length 300 mm and front-operated rotary operating mechanism for the respective circuit breaker, lockable with up to 3 padlocks, door interlocking						
	<u>EMERGENCY-STOP version</u>						
	Red knob, yellow indicator plate, without leading auxiliary switch						
	Safety locks for installation by the customer see pages 2/86 to 2/90 .						
	Leading auxiliary switches for installation in a front-operated rotary operating mechanism, door-coupling rotary operating mechanism or side panel rotary operating mechanism						
	Standard or EMERGENCY-STOP version						
	<u>"OFF after ON"</u>						
	Leading auxiliary switches when switching on						
	1 changeover contact with 1.5 m long cables						
	2 changeover contacts with 1.5 m long cables						
	<u>"ON after OFF"</u>						
	Leading auxiliary switches when switching off						
	1 changeover contact with 1.5 m long cables						
	2 changeover contacts with 1.5 m long cables						
	Side panel rotary operating mechanisms, complete¹⁾						
	Degree of protection IP65, including black knob with masking plate, indicator plate, Bowden wire, lockable with up to 3 padlocks						
	- With 600 mm Bowden wire						
	- With 1000 mm Bowden wire						
	- With 1500 mm Bowden wire						
	Side panel rotary operating mechanisms, complete¹⁾						
	<u>EMERGENCY-STOP version</u>						
	Degree of protection IP65, including red knob with masking plate, yellow indicator plate, Bowden wire, lockable with up to 3 padlocks						
	- With 600 mm Bowden wire						
	- With 1000 mm Bowden wire						
	- With 1500 mm Bowden wire						
	Retaining bracket for matching door-coupling rotary operating mechanisms, complete						
	Retaining bracket mounted on the oper. mechanism, recommended for extens. shafts >250 mm						
	- for 6 mm shaft						

Additional accessories and components for door-coupling rotary operating mechanism, [see 2/69 and 2/71](#).

¹⁾ Not possible on VL160X with RCD module.

²⁾ IP40 with additional masking frame mounted on the door cutout.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

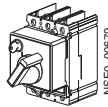
2

DT	For VL400 (3VL4)		PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL630 (3VL5)		PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
	Order No.	Price per PU						Order No.	Price per PU				
A	3VL9 400-3HA00		1	1 unit	113	0.725	A	3VL9 600-3HA00		1	1 unit	113	0.834
A	3VL9 400-3HC00		1	1 unit	113	0.725	A	3VL9 600-3HC00		1	1 unit	113	0.834
A	3VL9 400-3HE00		1	1 unit	113	0.267	A	3VL9 600-3HE00		1	1 unit	113	0.755
A	3VL9 400-3HF05		1	1 unit	113	0.970	A	3VL9 600-3HF05		1	1 unit	113	2.465
A	3VL9 400-3HG05		1	1 unit	113	1.100	A	3VL9 600-3HG05		1	1 unit	113	2.460
A	3VL9 400-3AS10		1	1 unit	113	0.080	A	3VL9 600-3AS10		1	1 unit	113	0.080
A	3VL9 400-3AT10		1	1 unit	113	0.130	A	3VL9 600-3AT10		1	1 unit	113	0.130
A	3VL9 400-3AU10		1	1 unit	113	0.080	A	3VL9 600-3AU10		1	1 unit	113	0.080
A	3VL9 400-3AW10		1	1 unit	113	0.130	A	3VL9 600-3AW10		1	1 unit	113	0.130
A	3VL9 400-3HR10		1	1 unit	113	2.000	A	3VL9 500-3HR10		1	1 unit	113	2.400
A	3VL9 400-3HR20		1	1 unit	113	2.000	A	3VL9 500-3HR20		1	1 unit	113	2.400
A	3VL9 400-3HR30		1	1 unit	113	2.000	A	3VL9 500-3HR30		1	1 unit	113	2.400
A	3VL9 400-3HR11		1	1 unit	113	2.000	A	3VL9 500-3HR11		1	1 unit	113	2.400
A	3VL9 400-3HR21		1	1 unit	113	2.000	A	3VL9 500-3HR21		1	1 unit	113	2.400
A	3VL9 400-3HR31		1	1 unit	113	2.000	A	3VL9 500-3HR31		1	1 unit	113	2.400
A	3VL9 400-3HP00		1	1 unit	113	0.379	A	3VL9 600-3HP00		1	1 unit	113	0.437
--							--						

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL800 (3VL6)	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.	kg
		Order No.	Price per PU				
Operating mechanisms							
3- or 4-pole							
Front-operated rotary operating mechanisms							
 NSE0_00679							
	For direct mounting on the circuit breaker, without leading auxiliary switch, degree of protection IP30 ¹⁾ , <u>black</u> , max. 3 padlocks	A	3VL9 600-3HA00	1	1 unit	113	0.834
3VL9 .00-3H.00							

Additional accessories and components for door-coupling rotary operating mechanism, [see 2/69 and 2/71](#).

¹⁾ IP40 with additional masking frame mounted on the door cutout.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

DT	For VL1250 to VL1600 (3VL7 to 3VL8)	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
	Order No.				
	Price per PU				

A	3VL9 800-3HA00	1	1 unit	113	2.831
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3HC00	1	1 unit	113	2.831
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3HE00	1	1 unit	113	2.175
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3HF05	1	1 unit	113	4.102
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3HG05	1	1 unit	113	4.100
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3AS20	1	1 unit	113	0.080
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3AT20	1	1 unit	113	0.130
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3AU10	1	1 unit	113	0.080
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3AW10	1	1 unit	113	0.130
---	-----------------------	---	--------	-----	-------

A	3VL9 800-3HP00	1	1 unit	113	0.529
---	-----------------------	---	--------	-----	-------

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Motorized operating mechanisms							
3- or 4-pole							
Motorized operating mechanisms with stored energy mechanisms (SEO) for synchronization tasks ¹⁾²⁾ Degree of protection IP30, with locking device for 3 padlocks			For VL160X to VL250 (3VL1 to 3VL3)				
50/60 Hz V AC	V DC						
--	24	A	3VL9 300-3MJ00	1	1 unit	113	2.140
42 ... 48	42 ... 48	A	3VL9 300-3ML00	1	1 unit	113	2.140
60	60	A	3VL9 300-3MS00	1	1 unit	113	2.140
110 ... 127	110 ... 127	A	3VL9 300-3MN00	1	1 unit	113	2.140
220 ... 250	220 ... 250	A	3VL9 300-3MQ00	1	1 unit	113	2.140
			For VL400 (3VL4)				
50/60 Hz V AC	V DC						
--	24	A	3VL9 400-3MJ00	1	1 unit	113	3.910
42 ... 48	42 ... 48	A	3VL9 400-3ML00	1	1 unit	113	3.910
60	60	A	3VL9 400-3MS00	1	1 unit	113	3.910
110 ... 127	110 ... 127	A	3VL9 400-3MN00	1	1 unit	113	3.910
220 ... 250	220 ... 250	A	3VL9 400-3MQ00	1	1 unit	113	3.910
			For VL630 and VL800 (3VL5 and 3VL6)				
50/60 Hz V AC	V DC						
--	24	A	3VL9 600-3MJ00	1	1 unit	113	4.800
42 ... 48	42 ... 48	A	3VL9 600-3ML00	1	1 unit	113	4.800
60	60	A	3VL9 600-3MS00	1	1 unit	113	4.800
110 ... 127	110 ... 127	A	3VL9 600-3MN00	1	1 unit	113	4.800
220 ... 250	220 ... 250	A	3VL9 600-3MQ00	1	1 unit	113	4.800
Motorized operating mechanisms (MO) ²⁾ Degree of protection IP30, with locking device for 3 padlocks			For VL160X (3VL1)				
50/60 Hz V AC	V DC						
--	24	A	3VL9 100-3MA10	1	1 unit	113	1.000
42 ... 60	42 ... 60	A	3VL9 100-3MC10	1	1 unit	113	1.000
110 ... 127	110 ... 127	A	3VL9 100-3MD10	1	1 unit	113	1.000
220 ... 250	220 ... 250	A	3VL9 100-3ME10	1	1 unit	113	1.000
			For VL160 and VL250 (3VL2 and 3VL3)				
50/60 Hz V AC	V DC						
--	24	A	3VL9 300-3MA10	1	1 unit	113	1.000
42 ... 60	42 ... 60	A	3VL9 300-3MC10	1	1 unit	113	1.000
110 ... 127	110 ... 127	A	3VL9 300-3MD10	1	1 unit	113	1.000
220 ... 250	220 ... 250	A	3VL9 300-3ME10	1	1 unit	113	1.000
			For VL400 (3VL4)				
50/60 Hz V AC	V DC						
--	24	X	3VL9 400-3MA10	1	1 unit	113	1.000
42 ... 60	42 ... 60	X	3VL9 400-3MC10	1	1 unit	113	1.000
110 ... 127	110 ... 127	X	3VL9 400-3MD10	1	1 unit	113	1.000
220 ... 250	220 ... 250	X	3VL9 400-3ME10	1	1 unit	113	1.000
			For VL630 and VL800 (3VL5 and 3VL6)				
50/60 Hz V AC	V DC						
--	24	X	3VL9 600-3MA10	1	1 unit	113	1.000
42 ... 60	42 ... 60	X	3VL9 600-3MC10	1	1 unit	113	1.000
110 ... 127	110 ... 127	X	3VL9 600-3MD10	1	1 unit	113	1.000
220 ... 250	220 ... 250	X	3VL9 600-3ME10	1	1 unit	113	1.000
			For VL1,250 and VL1600 (3VL7 and 3VL8)				
50/60 Hz V AC	V DC						
--	24	B	3VL9 800-3MA10	1	1 unit	113	1.000
42 ... 60	42 ... 60	B	3VL9 800-3MC10	1	1 unit	113	1.000
110 ... 127	110 ... 127	B	3VL9 800-3MD10	1	1 unit	113	1.000
220 ... 250	220 ... 250	B	3VL9 800-3ME10	1	1 unit	113	1.000
Toggle handle extensions							
Toggle handle extensions			For VL400 up to VL1600 (3VL4 to 3VL8)				
• for VL400 (3VL4)		A	3VL9 400-3HN00	1	1 unit	113	0.100
• for VL630 and VL800 (3VL5 and 3VL6)		C	3VL9 600-3HN00	1	1 unit	113	0.140
• for VL1,250 and VL1600 (3VL7 and 3VL8)		C	3VL9 800-3HN00	1	1 unit	113	0.234

¹⁾ Not possible on VL160X with RCD module.

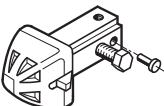
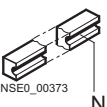
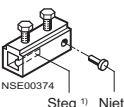
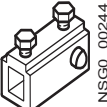
²⁾ For safety lock as an assembly kit for retrofitting see pages 2/86 to 2/90.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

Switch-gears	Rotary operating mechanisms	Size	Cross-section of the actuating shaft	Version ³⁾	DT	Individual parts for 8UC7 door-coupling rotary operating mechanisms	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
Type	Type	mm × mm				Order No.	Price per PU			kg
Individual parts for 8UC door-coupling rotary operating mechanisms										
Handles with masking plate (including flat gasket and fixing screws)										
 8UC71 10-1BB	3VL1, 3VL2, 3VL3	8UC71 1	6 × 6 or 8 × 8	Standard EMER- GENCY- STOP	C C	8UC71 10-6BD 8UC71 20-8BD	1 1	1 unit 1 unit	103 103	0.200 0.200
	3VL4, 3VL5, 3VL6	8UC72 2	8 × 8	Standard EMER- GENCY- STOP	C C	8UC72 10-6BD 8UC72 20-8BD	1 1	1 unit 1 unit	103 103	0.200 0.200
 8UC72 10-6BD	3VL7, 3VL8	8UC73 3	12 × 12	Standard EMER- GENCY- STOP	C C	8UC73 10-6BD 8UC73 20-8BD	1 1	1 unit 1 unit	103 103	0.200 0.200
 8UC73 10-1BB										
Individual parts for 8UC door-coupling rotary operating mechanisms										
Rotary operating mechanisms				Cross-section of the actuating shaft	DT	Individual parts for 8UC6 door-coupling rotary operating mechanisms	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
Type		mm × mm				Order No.	Price per PU			kg
Individual parts for 8UC door-coupling rotary operating mechanisms										
Coupling drivers for 3VL										
 NSE00372 8UC60 14	8UC71 (plastic)		6 × 6	C		8UC70 11-2AA	1	1 unit	103	0.200
	8UC71/8UC72 ²⁾ (die cast)		8 × 8	A		8UC60 17-2AA	1	1 unit	103	0.047
	8UC73/74 (die cast)		12 × 12	B		8UC60 14	1	1 unit	103	0.253
Extension shafts 300 mm long										
 NSE0_00373 8UC60 31	8UC71		6 × 6	B		8UC60 31	1	1 unit	103	0.068
	8UC71/8UC72		8 × 8	B		8UC60 32	1	1 unit	103	0.132
	8UC73		10 × 10	C		8UC60 33	1	1 unit	103	0.217
	8UC73/74		12 × 12	B		8UC60 34	1	1 unit	103	0.315
Extension shafts 600 mm long										
 NSE0_00373 8UC60 81	8UC71		6 × 6	B		8UC60 81	1	1 unit	103	0.136
	8UC71/8UC72		8 × 8	B		8UC60 82	1	1 unit	103	0.265
	8UC73		10 × 10	B		8UC60 83	1	1 unit	103	0.430
	8UC73/74		12 × 12	B		8UC60 84	1	1 unit	103	0.640
Shaft couplings										
 NSE00374 8UC60 21 to 8UC60 24	8UC71		6 × 6	B		8UC60 21	1	1 unit	103	0.031
	8UC72		8 × 8	B		8UC60 22	1	1 unit	103	0.023
	8UC73		10 × 10	B		8UC60 23	1	1 unit	103	0.085
	8UC73/74		12 × 12	B		8UC60 24	1	1 unit	103	0.077
Reducers										
 NSG0_00244 8UC70 58	8UC71		8 × 8 to 6 × 6	C		8UC70 58	1	1 unit	103	0.200
	8UC72		12 × 12 to 8 × 8	C		8UC70 50	1	1 unit	103	0.200

1) Non-interchangeability features.

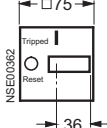
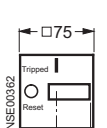
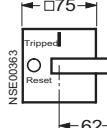
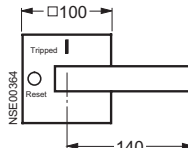
2) Shortened coupling driver with reduced tolerance compensation.

3) Standard: Ti-grey handle, light-gray masking plate;
EMERGENCY-STOP: Red handle, yellow masking plate.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Switchgears	Rated current	Cross-section of the actuating shaft	Torque	Rotary operating mechanisms	Illustrated: Handle, masking plate	
Type	A	mm	Nm	Size		
8UC Door-coupling Rotary Operating Mechanisms						
8UC71 - 3VL circuit breakers						
	3VL1	16 ... 160	6 × 6	4	1	
	3VL2	50 ... 160	6 × 6	4		
	3VL3	200... 250	6 × 6	4		
	3VL1	16 ... 160	8 × 8	4	1	
	3VL2	50 ... 160	8 × 8	4		
	3VL3	200... 250	8 × 8	4		
(Supplied with door-coupling rotary operating mechanism, complete 3VL9 300-3H.05)						
8UC72 - 3VL circuit breakers						
	3VL4	200 ... 400	8 × 8	9	2	
	3VL5	315 ... 600	8 × 8	9		
	3VL6	320 ... 800	8 × 8	9		
8UC73 - 3VL circuit breakers						
	3VL7	400 ... 1250	12 × 12	25	3	
	3VL8	640 ... 1600	12 × 12	25		

¹⁾ Requires in addition a front-operated rotary operating mechanism with shaft stub for direct mounting to the circuit breaker. For ordering the complete operating mechanism see pages 2/64 to 2/67.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

Version	DT	Rotary operating mechanisms, complete ¹⁾	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.	Individual parts of the rotary operating mechanism			
Standard: Ti-grey handle, light-gray masking plate; <u>EMERGENCY- STOP:</u> Red handle, yellow masking plate		Order No. Price per PU					Handle with masking plate	Coupling drivers	Extension shaft (length 300 mm)	Reducer/ shaft coupling
						kg	Order No.	Order No.	Order No.	Order No.
Standard EMERGENCY- STOP (coupling driver made of plastic)	C	8UC71 11-6BD15	1	1 unit	103	0.200	8UC71 10-6BD	☐ 6 mm	☐ 6 mm	☐ 8 mm by 6 mm
	C	8UC71 21-8BD15	1	1 unit	103	0.200	8UC71 20-8BD	8UC70 11-2AA	8UC60 31	8UC70 58
Standard EMERGENCY- STOP (Die cast coupling driver with reduced tolerance com- pensation)	C	8UC71 62-6BD22	1	1 unit	103	0.200	8UC71 10-6BD	☐ 8 mm	☐ 8 mm	☐ 8 mm by 8 mm
	C	8UC71 72-8BD22	1	1 unit	103	0.200	8UC71 20-8BD	8UC60 17-2AA	8UC60 32	8UC60 22
Standard EMERGENCY- STOP (Die cast cou- pling driver with reduced toler- ance compensa- tion)	C	8UC72 62-6BD26	1	1 unit	103	0.200	8UC72 10-6BD	☐ 8 mm	☐ 8 mm	☐ 12 mm by 8 mm
	C	8UC72 62-8BD26	1	1 unit	103	0.200	8UC72 20-8BD	8UC60 17-2AA	8UC60 32	8UC70 50
Standard EMERGENCY- STOP (Die cast cou- pling driver)	C	8UC73 14-6BD44	1	1 unit	103	0.200	8UC73 10-6BD	☐ 12 mm	☐ 12 mm	☐ 12 mm by 12 mm
	C	8UC73 24-8BD44	1	1 unit	103	0.200	8UC73 20-8BD	8UC60 14	8UC60 34	8UC60 24

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL160X (3VL1) Order No.	Price per PU	PU (UNIT, SET, M)	PS* P. unit	PG	Weight per PU approx. kg
Plug-in versions/withdrawable versions							
3- or 4-pole							
Plug-in base assembly kits Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin							
Rear terminals							
3-pole	A	3VL9 100-4PA30		1	1 unit	113	2.170
3-pole with RCD module	A	3VL9 100-4PB30		1	1 unit	113	2.460
4-pole	A	3VL9 100-4PA40		1	1 unit	113	2.850
4-pole with RCD module	A	3VL9 100-4PB40		1	1 unit	113	3.200
90° angle connecting adapters For rear connection, 3-pole For rear connection, 4-pole							
	A	3VL9 300-4PE30		1	1 unit	113	0.375
	A	3VL9 300-4PE40		1	1 unit	113	0.500
Front-accessible connections							
3-pole	A	3VL9 100-4PC30		1	1 unit	113	1.980
3-pole with RCD module	A	3VL9 100-4PD30		1	1 unit	113	2.260
4-pole	A	3VL9 100-4PC40		1	1 unit	113	2.620
4-pole with RCD module	A	3VL9 100-4PD40		1	1 unit	113	2.960
Withdrawable version assembly kits Upgrade of the plug-in base assembly kit to							
Withdrawable version	3-pole	--					
including side panels	3-pole with RCD	--					
and racking mecha-	4-pole	--					
nism	4-pole with RCD	--					
Withdrawable version Same as plug-in base assembly kit, with addi- tional side panels and racking mechanism							
Rear terminals							
3-pole	--						
3-pole with RCD module	--						
4-pole	--						
4-pole with RCD module	--						
Front-accessible connections							
3-pole	--						
3-pole with RCD module	--						
4-pole	--						
4-pole with RCD module	--						
Blade contacts As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin							
1 set = 6 units	3-pole	A	3VL9 100-4PS30	1	1 unit	113	0.226
1 set = 8 units	4-pole	A	3VL9 100-4PS40	1	1 unit	113	0.295
Trip pins and springs As replacement for plug-in/withdrawable circuit breaker							
	A	3VL9 100-4PF00		1	1 unit	113	0.012
Auxiliary circuit plug connections for plug-in bases Accessory connections for plug-in circuit break- ers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)							
8 terminals	A	¹⁾ 3VL9 300-4PJ00		1	1 unit	113	0.134
Position signaling switches (connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible							
	A	3VL9 000-4WL00		1	1 unit	113	0.019

¹⁾ It is recommended to use a maximum of 2 auxiliary circuit plug-in systems per circuit breaker (16 terminals).

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

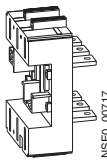
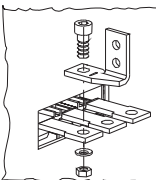
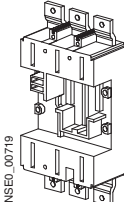
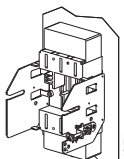
2

DT	For VL160 (3VL2)	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL250 (3VL3)	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
	Order No.							Order No.					
A	3VL9 200-4PA30		1	1 unit	113	2.170	A	3VL9 300-4PA30		1	1 unit	113	2.280
A	3VL9 200-4PB30		1	1 unit	113	2.460	A	3VL9 300-4PB30		1	1 unit	113	2.570
A	3VL9 200-4PA40		1	1 unit	113	2.850	A	3VL9 300-4PA40		1	1 unit	113	3.000
A	3VL9 200-4PB40		1	1 unit	113	3.200	A	3VL9 300-4PB40		1	1 unit	113	3.330
A	3VL9 300-4PE30		1	1 unit	113	0.375	A	3VL9 300-4PE30		1	1 unit	113	0.375
A	3VL9 300-4PE40		1	1 unit	113	0.500	A	3VL9 300-4PE40		1	1 unit	113	0.500
A	3VL9 200-4PC30		1	1 unit	113	1.980	A	3VL9 300-4PC30		1	1 unit	113	2.090
A	3VL9 200-4PD30		1	1 unit	113	2.260	A	3VL9 300-4PD30		1	1 unit	113	2.370
A	3VL9 200-4PC40		1	1 unit	113	2.620	A	3VL9 300-4PC40		1	1 unit	113	2.770
A	3VL9 200-4PD40		1	1 unit	113	2.960	A	3VL9 300-4PD40		1	1 unit	113	3.070
A	3VL9 300-4WF30		1	1 unit	113	1.260	A	3VL9 300-4WF30		1	1 unit	113	1.260
A	3VL9 300-4WG30		1	1 unit	113	2.031	A	3VL9 300-4WG30		1	1 unit	113	2.031
A	3VL9 300-4WF40		1	1 unit	113	1.280	A	3VL9 300-4WF40		1	1 unit	113	1.280
A	3VL9 300-4WG40		1	1 unit	113	2.050	A	3VL9 300-4WG40		1	1 unit	113	2.050
A	3VL9 200-4WA30		1	1 unit	113	3.430	A	3VL9 300-4WA30		1	1 unit	113	3.540
A	3VL9 200-4WB30		1	1 unit	113	4.000	A	3VL9 300-4WB30		1	1 unit	113	4.601
A	3VL9 200-4WA40		1	1 unit	113	4.130	A	3VL9 300-4WA40		1	1 unit	113	4.280
A	3VL9 200-4WB40		1	1 unit	113	4.940	A	3VL9 300-4WB40		1	1 unit	113	5.361
A	3VL9 200-4WC30		1	1 unit	113	3.240	A	3VL9 300-4WC30		1	1 unit	113	3.350
A	3VL9 200-4WD30		1	1 unit	113	3.810	A	3VL9 300-4WD30		1	1 unit	113	4.398
A	3VL9 200-4WC40		1	1 unit	113	3.940	A	3VL9 300-4WC40		1	1 unit	113	4.050
A	3VL9 200-4WD40		1	1 unit	113	4.710	A	3VL9 300-4WD40		1	1 unit	113	5.158
A	3VL9 200-4PS30		1	1 unit	113	0.248	A	3VL9 300-4PS30		1	1 unit	113	0.342
A	3VL9 200-4PS40		1	1 unit	113	0.330	A	3VL9 300-4PS40		1	1 unit	113	0.426
A	3VL9 300-4PF00		1	1 unit	113	0.013	A	3VL9 300-4PF00		1	1 unit	113	0.013
A	1) 3VL9 300-4PJ00		1	1 unit	113	0.134	A	1) 3VL9 300-4PJ00		1	1 unit	113	0.134
A	3VL9 000-4WL00		1	1 unit	113	0.019	A	3VL9 000-4WL00		1	1 unit	113	0.019

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL400 (3VL4) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Plug-in versions/withdrawable versions							
3- or 4-pole							
Plug-in base assembly kits Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin							
Rear terminals							
 NSE0_00717 3VL9 .00-4PA30	3-pole	A	3VL9 400-4PA30 _1)	1	1 unit	113	5.869
	3-pole with RCD module	A	3VL9 400-4PA40	1	1 unit	113	8.008
	4-pole	A	3VL9 400-4PB40	1	1 unit	113	10.100
	4-pole with RCD module	A					
90° angle connecting adapters For rear connection, 3-pole For rear connection, 4-pole							
Front-accessible connections							
 NSE00581 3VL9 .00-4PE30	3-pole	A	3VL9 400-4PC30 _1)	1	1 unit	113	5.424
	3-pole with RCD module	A	3VL9 400-4PC40	1	1 unit	113	7.408
	4-pole	A	3VL9 400-4PD40	1	1 unit	113	9.500
	4-pole with RCD module	A					
Withdrawable version assembly kits Upgrade of the plug-in base assembly kit to							
 NSE0_00719 3VL9 .00-4WF30	Withdrawable version 3-pole	A	3VL9 400-4WF30 _1)	1	1 unit	113	3.400
	including side panels 3-pole with RCD	A	3VL9 400-4WF40	1	1 unit	113	3.600
	and racking mecha- 4-pole	A	3VL9 400-4WG40	1	1 unit	113	3.800
	nism. 4-pole with RCD	A					
Withdrawable version Same as plug-in base assembly kit, with additional side panels and racking mechanism							
Rear terminals³⁾							
 NSE0_00683 3VL9 .00-4WA30	3-pole	A	3VL9 400-4WA30 _1)	1	1 unit	113	8.769
	3-pole with RCD module	A	3VL9 400-4WA40	1	1 unit	113	11.549
	4-pole	A	3VL9 400-4WB40	1	1 unit	113	13.200
	4-pole with RCD module	A					
Front-accessible connections							
	3-pole	A	3VL9 400-4WC30 _1)	1	1 unit	113	8.324
	3-pole with RCD module	A	3VL9 400-4WC40	1	1 unit	113	10.949
	4-pole	A	3VL9 400-4WD40	1	1 unit	113	12.600
	4-pole with RCD module	A					
Blade contacts As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin							
	1 set = 6 units 3-pole	A	3VL9 400-4PS30	1	1 unit	113	0.720
	1 set = 8 units 4-pole	A	3VL9 400-4PS40	1	1 unit	113	0.960
Trip pins and springs As replacement for plug-in/withdrawable circuit breaker							
		A	3VL9 400-4PF00	1	1 unit	113	0.015
Auxiliary circuit plug connections for plug-in bases Accessory connections for plug-in circuit breakers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)							
²⁾							
8 terminals	A		3VL9 400-4PJ00	1	1 unit	113	0.144
Position signaling switches (connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible	A		3VL9 000-4WL00	1	1 unit	113	0.019

¹⁾ For 3-pole applications please use 4-pole withdrawable version with 4-pole RCD module and 4-pole circuit breaker.

²⁾ It is recommended to use a maximum of 3 auxiliary circuit plug-in systems per circuit breaker (24 terminals).

³⁾ With VL800 (3VL6) to VL1600 (3VL8) as vertical connection.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

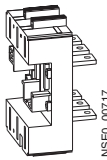
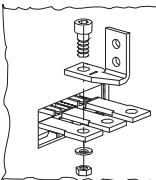
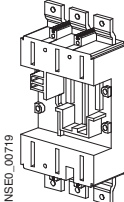
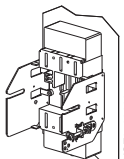
2

DT	For VL630 (3VL5) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL800 (3VL6) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	3VL9 500-4PA30		1	1 unit	113	8.200		--					
A	3VL9 500-4PA40		1	1 unit	113	11.200		--					
	--							--					
	--							--					
A	3VL9 500-4PC30		1	1 unit	113	7.400		--					
A	3VL9 500-4PC40		1	1 unit	113	9.600		--					
	--							--					
A	3VL9 500-4WF30		1	1 unit	113	3.600		--					
A	3VL9 500-4WF40		1	1 unit	113	3.800		--					
	--							--					
A	3VL9 500-4WA30		1	1 unit	113	11.000	A	3VL9 600-4WA30		1	1 unit	113	40.104
A	3VL9 500-4WA40		1	1 unit	113	15.000	A	3VL9 600-4WA40		1	1 unit	113	48.060
	--							--					
A	3VL9 500-4WC30		1	1 unit	113	10.300	A	3VL9 600-4WC30		1	1 unit	113	40.716
A	3VL9 500-4WC40		1	1 unit	113	13.400	A	3VL9 600-4WC40		1	1 unit	113	48.876
	--							--					
A	3VL9 500-4PS30		1	1 unit	113	1.260	A	3VL9 600-4PS30		1	1 unit	113	1.500
A	3VL9 500-4PS40		1	1 unit	113	1.680	A	3VL9 600-4PS40		1	1 unit	113	2.000
A	3VL9 500-4PF00		1	1 unit	113	0.018	A	3VL9 600-4PF00		1	1 unit	113	0.025
	--							--					
	2)							2)					
A	3VL9 600-4PJ00		1	1 unit	113	0.144	A	3VL9 600-4PJ00		1	1 unit	113	0.144
A	3VL9 000-4WL00		1	1 unit	113	0.019	A	3VL9 000-4WL00		1	1 unit	113	0.019

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL1250 (3VL7) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Plug-in versions/withdrawable versions							
 NSE0_00717 3VL9 .00-4PA30	3- or 4-pole						
	Plug-in base assembly kits						
	Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin						
	Rear terminals						
	3-pole 3-pole with RCD module 4-pole 4-pole with RCD module						
 NSE00581 3VL9 .00-4PE30	90° angle connecting adapters						
	For rear connection, 3-pole For rear connection, 4-pole						
	Front-accessible connections						
	3-pole 3-pole with RCD module 4-pole 4-pole with RCD module						
 NSE0_00719 3VL9 .00-4WF30	Withdrawable version assembly kits						
	Upgrade of the plug-in base assembly kit to						
	Withdrawable version 3-pole including side panels 3-pole with RCD and racking mechanism 4-pole 4-pole with RCD						
	Withdrawable version						
	Same as plug-in base assembly kit, with additional side panels and racking mechanism						
 NSE0_00683 3VL9 .00-4WA30	Rear terminals¹⁾						
	3-pole A 3VL9 800-4WA30						
	3-pole with RCD module --						
	4-pole A 3VL9 800-4WA40						
	4-pole with RCD module --						
	Front-accessible connections						
	3-pole A 3VL9 800-4WC30						
	3-pole with RCD module --						
	4-pole A 3VL9 800-4WC40						
	4-pole with RCD module --						
	Blade contacts						
	As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin						
	1 set = 6 units 3-pole A 3VL9 800-4PS30						
	1 set = 8 units 4-pole A 3VL9 800-4PS40						
	Trip pins and springs						
	As replacement for plug-in/withdrawable circuit breaker A 3VL9 800-4PF00						
	Auxiliary circuit plug connections for plug-in bases						
	Accessory connections for plug-in circuit breakers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)						
	²⁾						
	8 terminals A 3VL9 800-4PJ00						
	Position signaling switches						
	(connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible						
				A 3VL9 000-4WL00			

¹⁾ With VL800 (3VL6) to VL1600 (3VL8) as vertical connection.

²⁾ It is recommended to use a maximum of 3 auxiliary circuit plug-in systems per circuit breaker (24 terminals).

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

DT	For VL1600 (3VL8) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
----	--------------------------------	-----------------	-------------------------	-----------------	----	-----------------------------------

A	3VL9 800-4WA30	1	1 unit	113	39.996
---	----------------	---	--------	-----	--------

A	3VL9 800-4WA40	1	1 unit	113	47.148
---	----------------	---	--------	-----	--------

A	3VL9 800-4WC30	1	1 unit	113	40.608
---	----------------	---	--------	-----	--------

A	3VL9 800-4WC40	1	1 unit	113	47.964
---	----------------	---	--------	-----	--------

A	3VL9 800-4PS30	1	1 unit	113	2.000
---	----------------	---	--------	-----	-------

A	3VL9 800-4PS40	1	1 unit	113	2.660
---	----------------	---	--------	-----	-------

A	3VL9 800-4PF00	1	1 unit	113	0.030
---	----------------	---	--------	-----	-------

2)

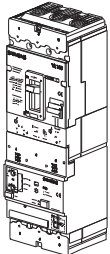
A	3VL9 800-4PJ00	1	1 unit	113	0.144
---	----------------	---	--------	-----	-------

A	3VL9 000-4WL00	1	1 unit	113	0.019
---	----------------	---	--------	-----	-------

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

	Circuit breakers for system protection, only for TM, starters, disconnectors	Rated current I_n	Residual currents I_{Δ} adjustable	Delay time t_d adjustable	Rated operational voltage U_e	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
		A	A	s	V AC							kg
RCD modules												
	3-pole											
	VL160X (3VL1)		0.03	Instantaneous								
	Bottom mounting ¹⁾²⁾	160	0.10	0.06	127 ... 480	A	3VL9 112-5GA30		1	1 unit	113	1.340
	VL160 (3VL2)	160	0.30	0.10	127 ... 480	A	3VL9 216-5GC30		1	1 unit	113	1.320
			0.50	0.25	230 ... 690	A	3VL9 216-5GD30		1	1 unit	113	1.320
	VL250 (3VL3)	250	1.00	0.50	127 ... 480	A	3VL9 325-5GE30		1	1 unit	113	1.400
			3.00	1.00	230 ... 690	A	3VL9 325-5GF30		1	1 unit	113	1.400
	VL400 (3VL4)	400			127 ... 480		--					
					230 ... 690		--					
	4-pole											
Molded case circuit breakers VL160X to VL400 with RCD module mounted below the circuit breaker	VL160X (3VL1)		0.03	Instantaneous								
	Bottom mounting ¹⁾²⁾	160	0.10	0.06	127 ... 480	A	3VL9 112-5GA40		1	1 unit	113	1.590
	VL160 (3VL2)	160	0.30	0.10	127 ... 480	A	3VL9 216-5GC40		1	1 unit	113	1.570
			0.50	0.25	230 ... 690	A	3VL9 216-5GD40		1	1 unit	113	1.570
	VL250 (3VL3)	250	1.00	0.50	127 ... 480	A	3VL9 325-5GE40		1	1 unit	113	1.650
			3.00	1.00	230 ... 690	A	3VL9 325-5GF40		1	1 unit	113	1.650
	VL400 (3VL4)	400			127 ... 480	A	3VL9 440-5GG40		1	1 unit	113	2.980
					230 ... 690	A	3VL9 440-5GH40		1	1 unit	113	2.980
	Circuit breakers for system protection, only for TM, starters, disconnectors	Rated current I_n	Residual currents I_{Δ} adjustable	Delay time t_d adjustable	Rated operational voltage U_e		3-pole circuit breakers			4-pole circuit breakers		
		A	A	s	V AC		Order No. with "-Z"	Additional price		Order No. with "-Z"	Additional price	
							3VL.....D.....-Z			3VL.....E.....-Z		
							and additional order code			and additional order code		
							☐ ☐ ☐ Code for further versions			☐ ☐ ☐ Code for further versions		
							-Z			-Z		
Circuit breakers with RCD module												
3 and 4-pole												
	VL160X (3VL1)		0.03	Instantaneous								
	(Bottom mounting)	160	0.10	0.06	127 ... 480		A 0 1 ¹⁾²⁾	✓		A 0 1 ¹⁾²⁾	✓	
			0.30	0.10								
			0.50	0.25								
	VL160 (3VL2)	160	1.00	0.50	127 ... 480		A 0 1	✓		A 0 1	✓	
			3.00	1.00	230 ... 690		A 0 2	✓		A 0 2	✓	
	VL250 (3VL3)	250			127 ... 480		A 0 1	✓		A 0 1	✓	
					230 ... 690		A 0 2	✓		A 0 2	✓	
	VL400 (3VL4)	400			127 ... 480		--			A 0 1	✓	
					230 ... 690		--			A 0 2	✓	

✓ Additional price

¹⁾ Only the right-hand accessory compartment and the N conductor (4-pole) accessory compartment can be used for the installation of accessories, see Technical Information at www.siemens.com/lowvoltage/support.

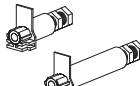
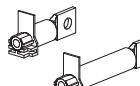
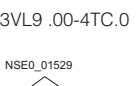
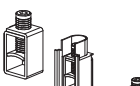
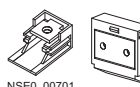
²⁾ VL160X (3VL1) + RCD module cannot be combined with motorized operating mechanism, front operating mechanism, door-coupling rotary operating mechanism, locking device for toggle levers, screw terminal connections (3VL17.....6-....) and Bowden wire interlocking.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

Version	DT	For VL160X (3VL1) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Connection parts for fixed-mounted circuit breakers							
3- or 4-pole							
Front connecting bars ¹⁾ Phase barriers included.							
Standard							
 NSE0_00702	3VL9 .00-4EC40	1 set = 3 units	3-pole	A	3VL9 216-4EC30	1	1 unit 113 0.198
		1 set = 4 units	4-pole	A	3VL9 216-4EC40	1	1 unit 113 0.198
For increased pole spacing							
 NSE0_00722	3VL9 .00-4ED40	1 set = 3 units	3-pole	A	3VL9 216-4ED30	1	1 unit 113 0.189
		1 set = 4 units	4-pole	A	3VL9 216-4ED40	1	1 unit 113 0.252
Rear terminals							
 NSE0_00723	3VL9 .00-4RA00, 3VL9 .00-4RB00	Short connection (1 unit)		A	3VL9 100-4RA00	1	1 unit 113 0.126
		Long connection (1 unit)		A	3VL9 100-4RB00	1	1 unit 113 0.229
 NSE0_00724	3VL9 .00-4RC30	Terminal kit (2 short + 1 long) 3-pole		A	3VL9 100-4RC30	1	1 unit 113 0.481
		Terminal kit (2 short + 2 long) 4-pole		A	3VL9 100-4RF40	1	1 unit 113 0.711
 NSE0_00724	3VL9 .00-4RK00, 3VL9 .00-4RL00	Short flat connection (1 unit)		A	3VL9 100-4RK00	1	1 unit 113 0.104
		Long flat connection (1 unit)		A	3VL9 100-4RL00	1	1 unit 113 0.200
 NSE0_00724	3VL9 .00-4RM30	Flat connector kit (2 short + 1 long) 3-pole		A	3VL9 100-4RM30	1	1 unit 113 0.408
		Flat connector kit (2 short + 2 long) 4-pole		A	3VL9 100-4RN40	1	1 unit 113 0.608
Box terminals							
For connection for flexible flat copper busbar or cable, see Technical Information at www.siemens.com/lowvoltage/support .							
 NSE0_00700	3VL9 .00-4TC.0	1 set = 3 units		A	3VL9 100-4TC30	1	1 unit 113 0.084
		1 set = 4 units		A	3VL9 100-4TC40	1	1 unit 113 0.112
Circular conductor terminals							
Only for cables (Al or Cu) Aluminum terminal (tinned)							
 NSE0_01529	3VL9 .00-4TD.0	1 set = 3 units		C	3VL9 100-4TD30	1	1 unit 113 0.041
		1 set = 4 units		C	3VL9 100-4TD40	1	1 unit 113 0.055
Circular conductor terminal with terminal covers for cable (Al or Cu)							
 NSE0_01529	3VL9 .00-4TD.0	1 set = 3 units		B	3VL9 115-4TD30	1	1 unit 113 0.150
		1 set = 4 units		B	3VL9 115-4TD40	1	1 unit 113 0.150
Auxiliary conductor terminals							
For box terminals/circular conductor terminals 1 set = 10 units							
 NSE0_00701	3VL9 .00-4TA.0	1 set = 3 units		A	3VL9 116-4TA30	1	1 unit 113 0.055
		1 set = 4 units		A	3VL9 116-4TA40	1	1 unit 113 0.070
Terminals with screw connection - metric thread							
With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/support .							
 NSE0_00701	3VL9 .00-4TA.0	1 set = 3 units		A	3VL9 116-4TA30	1	1 unit 113 0.055
		1 set = 4 units		A	3VL9 116-4TA40	1	1 unit 113 0.070
Connection covers (terminal covers) for circuit breakers							
Degree of protection IP30 for main connections 1 set = 2 units							
 NSE0_00730	3VL9 .00-3CB.0	Extended	3-pole	A	3VL9 300-8CA30	1	1 unit 113 0.204
		Standard	3-pole	A	3VL9 300-8CB30	1	1 unit 113 0.053
		Extended	4-pole	A	3VL9 300-8CA40	1	1 unit 113 0.264
		Standard	4-pole	A	3VL9 300-8CB40	1	1 unit 113 0.071
Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions							
 NSE0_00731	3VL9 .00-8CE00	1 set = 2 units		A	3VL9 300-8CE00	1	1 unit 113 0.023

¹⁾ Screw terminal connections are required for VL160X and VL160 molded case circuit breakers (3VL1 and 3VL2), see Technical Information at www.siemens.com/lowvoltage/support.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL160 (3VL2) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Connection parts for fixed-mounted circuit breakers							
3- or 4-pole							
Front connecting bars¹⁾ Phase barriers included.							
 NSE0_00702 3VL9...00-4EC40	Standard						
	1 set = 3 units 3-pole 1 set = 4 units 4-pole	A A			1 1	1 unit 1 unit	113 113
 NSE0_00722 3VL9...00-4ED40	For increased pole spacing						
	1 set = 3 units 3-pole 1 set = 4 units 4-pole	A A			1 1	1 unit 1 unit	113 113
Rear terminals							
 NSE0_00723 3VL9...00-4RA00, 3VL9...00-4RB00	Short connection (1 unit)	A			1	1 unit	113
	Long connection (1 unit)	A			1	1 unit	113
 NSE0_00724 3VL9...00-4RK00, 3VL9...00-4RL00	Terminal kit (2 short + 1 long) 3-pole	A			1	1 unit	113
	Terminal kit (2 short + 2 long) 4-pole	A			1	1 unit	113
 NSE0_00724 3VL9...00-4RK00, 3VL9...00-4RL00	Short flat connection (1 unit)	A			1	1 unit	113
	Long flat connection (1 unit)	A			1	1 unit	113
 NSE0_00724 3VL9...00-4RK00, 3VL9...00-4RL00	Flat connector kit (2 short + 1 long) 3-pole	A			1	1 unit	113
	Flat connector kit (2 short + 2 long) 4-pole	A			1	1 unit	113
Box terminals Connection for flexible flat copper busbar or cable. see Technical Information at www.siemens.com/lowvoltage/support							
 NSE0_00700 3VL9...00-4TC.0 NSE0_01529	1 set = 3 units	A			1	1 unit	113
	1 set = 4 units	A			1	1 unit	113
Circular conductor terminals Only for cables (Al or Cu) Aluminum terminal (tinned)							
 3VL9...00-4TD.0	1 set = 3 units	C			1	1 unit	113
	1 set = 4 units	C			1	1 unit	113
Circular conductor terminal with terminal covers for cable (Al or Cu)							
 NSE0_01542 NSE0_01543 3VL9...00-4TF.0	1 set = 3 units	A			1	1 unit	113
	1 set = 4 units	B			1	1 unit	113
Multiple feed-in terminals							
 3VL9...00-4TF.0	3 units	--					
	4 units	--					
Multiple feed-in terminal with terminal covers							
 3VL9...00-4TF.0	3 units (2 x 70 ... 300)	--					
	4 units (2 x 70 ... 300)	--					
Auxiliary conductor terminals For box terminals/circular conductor terminals/ multiple feed-in terminals 1 set = 10 units							
 NSE0_00701 3VL9...00-4TA.0	1 set = 3 units	A			1	1 unit	113
	1 set = 4 units	A			1	1 unit	113
Terminals with screw connection - metric thread With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/support .							
 NSE0_00730 3VL9...00-3CB.0	1 set = 3 units	A			1	1 unit	113
	1 set = 4 units	A			1	1 unit	113
Connection covers (terminal covers) for circuit breakers Degree of protection IP30 for main connections 1 set = 2 units							
 NSE0_00730 3VL9...00-3CB.0	Extended 3-pole	A			1	1 unit	113
	Standard 3-pole	A			1	1 unit	113
	Extended 4-pole	A			1	1 unit	113
	Standard 4-pole	A			1	1 unit	113
Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions							
 NSE0_00731 3VL9...00-8CE00	1 set = 2 units	A			1	1 unit	113

¹⁾ Screw terminal connections are required for VL160X and VL160 molded case circuit breakers (3VL1 and 3VL2), see Technical Information at www.siemens.com/lowvoltage/support.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

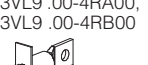
2

DT	For VL250 (3VL3) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL400 (3VL4) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	3VL9 300-4EC30		1	1 unit	113	0.256	A	3VL9 400-4EC30		1	1 unit	113	0.889
A	3VL9 300-4EC40		1	1 unit	113	0.345	A	3VL9 400-4EC40		1	1 unit	113	1.193
A	3VL9 300-4ED30		1	1 unit	113	0.256	A	3VL9 400-4ED30		1	1 unit	113	0.916
A	3VL9 300-4ED40		1	1 unit	113	0.345	A	3VL9 400-4ED40		1	1 unit	113	1.229
A	3VL9 300-4RA00		1	1 unit	113	0.126	A	3VL9 400-4RA00		1	1 unit	113	0.219
A	3VL9 300-4RB00		1	1 unit	113	0.229	A	3VL9 400-4RB00		1	1 unit	113	0.377
A	3VL9 300-4RC30		1	1 unit	113	0.481	A	3VL9 400-4RC30		1	1 unit	113	0.816
A	3VL9 300-4RF40		1	1 unit	113	0.711	A	3VL9 400-4RF40		1	1 unit	113	1.192
A	3VL9 300-4RK00		1	1 unit	113	0.104	A	3VL9 400-4RK00		1	1 unit	113	0.343
A	3VL9 300-4RL00		1	1 unit	113	0.200	A	3VL9 400-4RL00		1	1 unit	113	0.502
A	3VL9 300-4RM30		1	1 unit	113	0.408	A	3VL9 400-4RM30		1	1 unit	113	1.190
A	3VL9 300-4RN40		1	1 unit	113	0.608	A	3VL9 400-4RN40		1	1 unit	113	1.690
A	3VL9 300-4TC30		1	1 unit	113	0.192	A	3VL9 400-4TC30		1	1 unit	113	0.423
A	3VL9 300-4TC40		1	1 unit	113	0.256	A	3VL9 400-4TC40		1	1 unit	113	0.573
C	3VL9 300-4TD30		1	1 unit	113	0.159	C	3VL9 400-4TD30		1	1 unit	113	0.260
C	3VL9 300-4TD40		1	1 unit	113	0.212	C	3VL9 400-4TD40		1	1 unit	113	0.340
B	3VL9 324-4TD30		1	1 unit	113	0.150	--						
B	3VL9 324-4TD40		1	1 unit	113	0.150	--						
--							C	3VL9 400-4TF30		1	1 unit	113	0.420
--							C	3VL9 400-4TF40		1	1 unit	113	0.560
--							B	3VL9 460-4TF30		1	1 unit	113	0.150
--							B	3VL9 460-4TF40		1	1 unit	113	0.150
A	3VL9 300-3TN00		1	1 unit	113	0.150	A	3VL9 400-3TN00		1	1 unit	113	0.140
A	3VL9 300-4TA30		1	1 unit	113	0.090	A	3VL9 400-4TA30		1	1 unit	113	0.112
A	3VL9 300-4TA40		1	1 unit	113	0.120	A	3VL9 400-4TA40		1	1 unit	113	0.149
A	3VL9 300-8CA30		1	1 unit	113	0.204	A	3VL9 400-8CA30		1	1 unit	113	0.450
A	3VL9 300-8CB30		1	1 unit	113	0.053	A	3VL9 400-8CB30		1	1 unit	113	0.120
A	3VL9 300-8CA40		1	1 unit	113	0.264	A	3VL9 400-8CA40		1	1 unit	113	0.594
A	3VL9 300-8CB40		1	1 unit	113	0.071	A	3VL9 400-8CB40		1	1 unit	113	0.164
A	3VL9 300-8CE00		1	1 unit	113	0.023	A	3VL9 600-8CE00		1	1 unit	113	0.042

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL630 (3VL5) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Connection parts for fixed-mounted circuit breakers							
3- or 4-pole							
Front connecting bars							
Phase barriers included.							
Standard							
 NSE0_00702 3VL9 .00-4EC40							
 NSE0_00722 3VL9 .00-4ED40							
 NSE0_00723 3VL9 .00-4RA00, 3VL9 .00-4RB00							
 NSE0_00724 3VL9 .00-4RK00, 3VL9 .00-4RL00							
 NSE0_00725 3VL9 .00-4RG00							
 NSE0_01542 3VL9 .00-4TF.0							
 NSE0_01544 3VL9 .00-4TG.0							
 NSE0_01530 3VL9 .00-4TT.0							
 NSE0_00701 3VL9 .00-4TA.0							
 NSE0_00730 3VL9 .00-3CB.0							
 NSE0_00731 3VL9 .00-8CE00							
Rear terminals							
Short connection (1 unit)							
Long connection (1 unit)							
Terminal kit (2 short + 1 long) 3-pole							
Terminal kit (2 short + 2 long) 4-pole							
Short flat connection (1 unit)							
Long flat connection (1 unit)							
Flat connector kit (2 short + 1 long) 3-pole							
Flat connector kit (2 short + 2 long) 4-pole							
Flat connecting bar (1 unit)							
Flat connecting bar							
Set = 3 units, 3-pole							
Flat connecting bar							
Set = 4 units, 4-pole							
Multiple feed-in terminals							
Only for cables (Al or Cu)							
Aluminum terminal (tinned)							
1 set = 3 units							
1 set = 4 units							
Auxiliary conductor terminals							
For multiple feed-in terminals							
1 set = 10 units							
Terminal plates¹⁾							
Connection for flexible flat copper busbar with							
auxiliary conductor connection 0.5 – 4 mm ²							
(extended terminal covers or phase barriers							
required)							
1 set = 3 units							
1 set = 4 units							
Terminals with screw connection - metric thread							
With insulator (for rear) for use with busbars and							
cable lugs, see Technical Information at							
www.siemens.com/lowvoltage/support .							
1 set = 3 units							
1 set = 4 units							
Connection covers (terminal covers) for circuit breakers							
Degree of protection IP30 for main connections							
1 set = 2 units							
Extended							
Standard							
Extended							
Standard							
Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions²⁾							
1 set = 2 units							

¹⁾ Front connecting bars included in scope of supply; not for 690 V AC/600 V DC.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

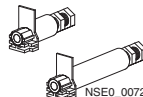
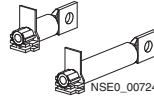
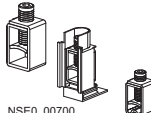
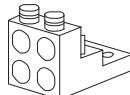
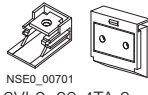
DT	For VL800 (3VL6) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL1250 (3VL7) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	3VL9 600-4EC30		1	1 unit	113	1.602 C		3VL9 800-4EC30		1	1 unit	113	3.313
A	3VL9 600-4EC40		1	1 unit	113	2.136 C		3VL9 800-4EC40		1	1 unit	113	4.438
A	3VL9 600-4ED30		1	1 unit	113	1.613		--					
A	3VL9 600-4ED40		1	1 unit	113	2.154		--					
--	--							--					
--	--							--					
--	--							--					
--	--							--					
--	--							--					
--	--							--					
A	3VL9 600-4RG00		1	1 unit	113	1.604 A		3VL9 700-4RG00		1	1 unit	113	1.604
A	3VL9 600-4RH30		1	1 unit	113	4.812 A		3VL9 700-4RH30		1	1 unit	113	4.812
A	3VL9 600-4RH40		1	1 unit	113	6.416 A		3VL9 700-4RH40		1	1 unit	113	6.416
C	3VL9 600-4TG30		1	1 unit	113	0.918 C		3VL9 700-4TG30		1	1 unit	113	2.175
C	3VL9 600-4TG40		1	1 unit	113	1.224 C		3VL9 700-4TG40		1	1 unit	113	2.900
A	3VL9 400-3TN00		1	1 unit	113	0.140 A		3VL9 400-3TN00		1	1 unit	113	0.140
--	--							--					
--	--							--					
C	3VL9 600-4TA30		1	1 unit	113	0.289 C		3VL9 800-4TA30		1	1 unit	113	0.319
C	3VL9 600-4TA40		1	1 unit	113	0.386 C		3VL9 800-4TA40		1	1 unit	113	0.426
A	3VL9 600-8CA30		1	1 unit	113	0.696 A		3VL9 800-8CA30		1	1 unit	113	1.060
A	3VL9 600-8CB30		1	1 unit	113	0.210 A		3VL9 800-8CB30		1	1 unit	113	0.360
A	3VL9 600-8CA40		1	1 unit	113	0.960 A		3VL9 800-8CA40		1	1 unit	113	1.326
A	3VL9 600-8CB40		1	1 unit	113	0.270 A		3VL9 800-8CB40		1	1 unit	113	0.470
A	3VL9 600-8CE00		1	1 unit	113	0.042 C		3VL9 800-8CE00		1	1 unit	113	0.130

²⁾ Plug-in version: Not for VL1250 (3VL7),
withdrawable version: Not for VL800 (3VL6) and VL1250 (3VL7).

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL1600 (3VL8) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg						
Connection parts for fixed-mounted circuit breakers													
3- or 4-pole													
Front connecting bars													
Phase barriers included.													
Standard ¹⁾													
 NSE0_00702 3VL9 .00-4EC40	1 set = 3 units	3-pole	C	3VL9 800-4EC30	1	1 unit	113	3.313					
	1 set = 4 units	4-pole	C	3VL9 800-4EC40	1	1 unit	113	4.438					
For increased pole spacing													
 NSE0_00722 3VL9 .00-4ED40	1 set = 3 units	3-pole	--										
	1 set = 4 units	4-pole	--										
Rear terminals													
Short connection (1 unit)								--					
Long connection (1 unit)								--					
Terminal kit (2 short + 1 long)								--					
 NSE0_00723 3VL9 .00-4RA00, 3VL9 .00-4RB00	3-pole		--										
Terminal kit (2 short + 2 long)								--					
4-pole								--					
Short flat connection (1 unit)								--					
Long flat connection (1 unit)								--					
Flat connector kit (2 short + 1 long)								--					
 NSE0_00724 3VL9 .00-4RK00, 3VL9 .00-4RL00	3-pole		--										
Flat connector kit (2 short + 2 long)								--					
4-pole								--					
Flat connecting bar (1 unit)								A	3VL9 800-4RG00	1	1 unit	113	1.527
Flat connecting bar Set = 3 units, 3-pole								A	3VL9 800-4RH30	1	1 unit	113	4.581
 NSE0_00725 3VL9 .00-4RG00	Flat connecting bar Set = 4 units, 4-pole		A	3VL9 800-4RH40	1	1 unit	113	6.108					
Box terminals													
For connection for flexible flat copper busbar or cable, see Technical Information at www.siemens.com/lowvoltage/support .													
1 set = 3 units								--					
 NSE0_00700 3VL9 .00-4TC.0	1 set = 4 units		--										
Multiple feed-in terminals													
Only for cables (Al or Cu)													
Aluminum terminal (tinned)													
1 set = 3 units								--					
 NSE0_01544 3VL9 .00-4TG.0	1 set = 4 units		--										
Auxiliary conductor terminals								--					
For box terminals/aluminum terminals													
Terminals with screw connection - metric thread													
With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/support .													
1 set = 3 units								C	3VL9 800-4TA30	1	1 unit	113	0.319
 NSE0_00701 3VL9 .00-4TA.0	1 set = 4 units		C	3VL9 800-4TA40	1	1 unit	113	0.426					
Connection covers (terminal covers) for circuit breakers													
Degree of protection IP30 for main connections													
1 set = 2 units													
Extended								A	3VL9 800-8CA30	1	1 unit	113	1.060
 NSE0_00730 3VL9 .00-3CB.0	Standard	3-pole	A	3VL9 800-8CB30	1	1 unit	113	0.360					
Extended								A	3VL9 800-8CA40	1	1 unit	113	1.326
 NSE0_00731 3VL9 .00-8CE00	Standard	4-pole	A	3VL9 800-8CB40	1	1 unit	113	0.470					
Phase barriers for fixed-mounted circuit breakers													
1 set = 2 units								C	3VL9 800-8CE00	1	1 unit	113	0.130

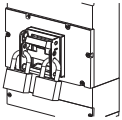
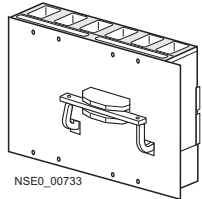
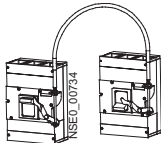
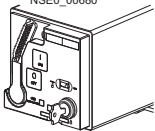
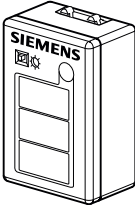
¹⁾ In scope of supply of circuit breaker.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

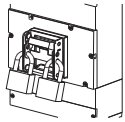
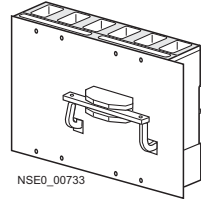
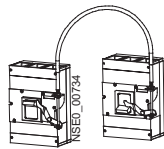
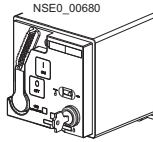
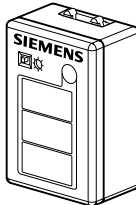
Version	DT	For VL160X (3VL1) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Interlocks							
3- or 4-pole							
 NSE0_00732 3VL9 .00-3HL00	C	3VL9 300-3HL00		1	1 unit	113	0.052
Locking devices for toggle levers For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with Ø 5 – 8 mm can be used. Removable (padlocks not included)							
 NSE0_00733 3VL9 .00-8L.00	C	3VL9 300-8LC00		1	1 unit	113	0.215
Rear interlocking modules For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and size. (Mounting plate not included in scope of supply)							
	C	3VL9 300-8LD00		1	1 unit	113	0.223
Fixed-mounted circuit breakers							
Plug-in/withdrawable circuit breakers							
Interlocking modules for Bowden wire interlocking ¹⁾ For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker							
Combination with next size up possible (see Order No.)							
	C	3VL9 300-8LA00		1	1 unit	113	0.174
Bowden wires for Bowden wire interlocking ¹⁾ Wire length 0.5 m							
 NSE0_00724 3VL9 .00-8LA00	C	3VL9 000-8LH10		1	1 unit	113	0.206
	C	3VL9 000-8LH20		1	1 unit	113	0.298
	C	3VL9 000-8LH30		1	1 unit	113	0.412
Wire length 1.0 m							
Wire length 1.5 m							
Safety lock assembly kits Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms							
Lock types							
	A	3VL9 715-8HA00		1	1 unit	113	0.309
 NSE0_00680 3VL9 ...-8HA00							
For motorized operating mechanism with stored energy mechanism							
Lock types							
		--					
	A	3VL9 321-8HA00		1	1 unit	113	0.053
Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3- or 4-pole circuit breaker to a prepared surface							
	A	3VL9 300-8SA40		1	1 unit	113	0.030
Transparent covers for releases, sealable To prevent access by unqualified personnel and unauthorized changes to settings (seal not included)							
Electronic Trip Units							
		--					
 NSE0_01531a 3VL9 000-8AP01	A	3VL9 300-8BM00		1	1 unit	113	0.015
Thermal-magnetic							
Battery power supply for activating/ parameterizing the LCD ETU release, with test function for all IEC and UL ETUs. (two 9 V blocks are required in addition)							

¹⁾ Two interlocking modules and one Bowden wire are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL160 (3VL2) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Interlocks							
3- or 4-pole							
 NSE0_00732 3VL9...00-3HL00	Locking devices for toggle levers For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with Ø 5 – 8 mm can be used. Removable (padlocks not included)						
	C	3VL9 300-3HL00		1	1 unit	113	0.052
 NSE0_00733 3VL9...00-8L...00	Rear interlocking modules For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and size. (Mounting plate not included in scope of supply)						
	C	Fixed-mounted circuit breakers		1	1 unit	113	0.215
	C	Plug-in/withdrawable circuit breakers		1	1 unit	113	0.223
Interlocking modules for Bowden wire interlocking¹⁾ For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker							
		Combinations with next size up/down possible (see Order No.)					
 NSE0_00734 3VL9...00-8LA00	C	3VL9 000-8LH10		1	1 unit	113	0.206
	C	3VL9 000-8LH20		1	1 unit	113	0.298
	C	3VL9 000-8LH30		1	1 unit	113	0.412
	Safety lock assembly kits Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms Lock types Ronis						
 NSE0_00680 3VL9...-8HA00	A	3VL9 715-8HA00		1	1 unit	113	0.309
	For motorized operating mechanism with stored energy mechanism Lock types Ronis Filli Giussani						
	A	3VL9 321-8HA00		1	1 unit	113	0.053
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3- or 4-pole circuit breaker to a prepared surface Set with 4 screws						
 NSE0_01531a 3VL9 000-8AP01	A	3VL9 300-8SA40		1	1 unit	113	0.030
	Transparent covers for releases, sealable To prevent access by unqualified personnel and unauthorized changes to settings (seal not included)						
	C	Electronic Trip Units		1	1 unit	113	0.002
	A	Thermal-magnetic		1	1 unit	113	0.015
	Battery power supply for activating/parameterizing the LCD ETU release, with test function for all IEC and UL ETUs. (two 9 V blocks are required in addition)						
	B	3VL9 000-8AP01		1	1 unit	113	0.605

¹⁾ Two interlocking modules and one Bowden wire are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

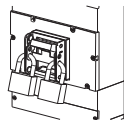
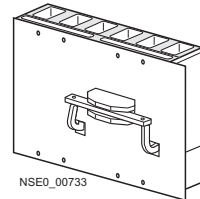
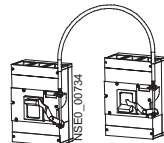
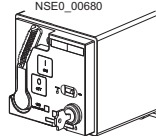
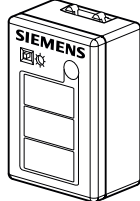
2

DT	For VL250 (3VL3) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL400 (3VL4) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
C	3VL9 300-3HL00		1	1 unit	113	0.052	C	3VL9 400-3HL00		1	1 unit	113	0.122
C	3VL9 300-8LC00		1	1 unit	113	0.215	C	3VL9 400-8LC00		1	1 unit	113	0.386
C	3VL9 300-8LD00		1	1 unit	113	0.223	C	3VL9 400-8LD00		1	1 unit	113	0.436
C	3VL9 300-8LA00		1	1 unit	113	0.174	C	3VL9 400-8LA00		1	1 unit	113	0.196
C	3VL9 000-8LH10		1	1 unit	113	0.206	--						
C	3VL9 000-8LH20		1	1 unit	113	0.298	C	3VL9 000-8LH20		1	1 unit	113	0.298
C	3VL9 000-8LH30		1	1 unit	113	0.412	C	3VL9 000-8LH30		1	1 unit	113	0.412
A	3VL9 715-8HA00		1	1 unit	113	0.309	A	3VL9 715-8HA00		1	1 unit	113	0.309
A	-- 3VL9 321-8HA00		1	1 unit	113	0.053	A	3VL9 715-8HA00 --		1	1 unit	113	0.309
A	3VL9 300-8SA40		1	1 unit	113	0.030	C	3VL9 500-8SA40		1	1 unit	113	0.090
C	3VL9 700-8BL00		1	1 unit	113	0.002	C	3VL9 700-8BL00		1	1 unit	113	0.002
A	3VL9 300-8BM00		1	1 unit	113	0.015	A	3VL9 400-8BM00		1	1 unit	113	0.017
B	3VL9 000-8AP01		1	1 unit	113	0.605	B	3VL9 000-8AP01		1	1 unit	113	0.605

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL630 (3VL5) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	
Interlocks								
3- or 4-pole								
 NSE0_00732 3VL9 .00-3HL00	Locking devices for toggle levers For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with Ø 5–8 mm can be used. Removable (padlocks not included)		C	3VL9 600-3HL00	1	1 unit	113	0.130
	Rear interlocking modules For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and size. (Mounting plate not included in scope of supply)							
 NSE0_00733 3VL9 .00-8L.00	Fixed-mounted circuit breakers		C	3VL9 600-8LC00	1	1 unit	113	1.499
	Plug-in/withdrawable circuit breakers		C	3VL9 600-8LD00	1	1 unit	113	5.076
Interlocking modules for Bowden wire interlocking ¹⁾ For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker		C	3VL9 600-8LA00	1	1 unit	113	0.244	
Bowden wires for Bowden wire interlocking ¹⁾ Wire length 0.5 m Wire length 1.0 m Wire length 1.5 m		C C C	-- 3VL9 000-8LH20 3VL9 000-8LH30	1 1 1	1 unit 1 unit 1 unit	113 113 113	0.298 0.412	
 NSE0_00734 3VL9 .00-8LA00	Safety lock assembly kits Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms							
	Lock types Ronis		A	3VL9 715-8HA00	1	1 unit	113	0.309
 NSE0_00680 3VL9 ...-8HA00	For motorized operating mechanism with stored energy mechanism							
	Lock types Ronis Filli Giussani		A	3VL9 715-8HA00 --	1 1	1 unit 1 unit	113 113	0.309 0.309
Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3- or 4-pole circuit breaker to a prepared surface Set with 4 screws		C	3VL9 500-8SA40	1	1 unit	113	0.090	
Transparent covers for releases, sealable To prevent access by unqualified personnel and unauthorized changes to settings (seal not included)								
	Electronic Trip Units		C	3VL9 700-8BL00	1	1 unit	113	0.002
	Thermal-magnetic		C	3VL9 600-8BM00	1	1 unit	113	0.019
 SIEMENS NSE0_01531a 3VL9 000-8AP01	Battery power supply for activating/ parameterizing the LCD ETU release, with test function for all IEC and UL ETUs. (two 9 V blocks are required in addition)		B	3VL9 000-8AP01	1	1 unit	113	0.605

¹⁾ Two interlocking modules and one Bowden wire are required.
Cannot be used in conjunction with motorized operating mechanism and withdrawable version.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

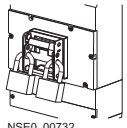
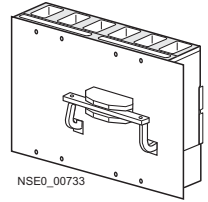
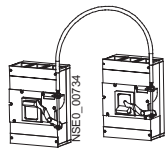
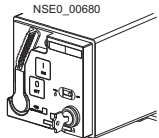
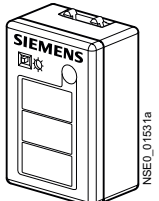
2

DT	For VL800 (3VL6) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL1250 (3VL7) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
C	3VL9 600-3HL00		1	1 unit	113	0.130	C	3VL9 800-3HL00		1	1 unit	113	0.238
C	3VL9 600-8LC00		1	1 unit	113	1.499	C	3VL9 800-8LC00		1	1 unit	113	2.935
C	3VL9 600-8LD00		1	1 unit	113	5.076	C	3VL9 800-8LD00		1	1 unit	113	3.825
C	3VL9 600-8LA00		1	1 unit	113	0.244	C	3VL9 800-8LA00		1	1 unit	113	0.283
C	--		1	1 unit	113	0.298	C	--		1	1 unit	113	0.412
C	3VL9 000-8LH20		1	1 unit	113	0.412	C	3VL9 000-8LH30		1	1 unit	113	0.412
A	3VL9 715-8HA00		1	1 unit	113	0.309	A	3VL9 715-8HA00		1	1 unit	113	0.309
A	3VL9 715-8HA00		1	1 unit	113	0.309	A	3VL9 715-8HA00		1	1 unit	113	0.309
A	--		1	1 unit	113	0.090	A	--		1	1 unit	113	0.090
A	3VL9 600-8SA40		1	1 unit	113	0.090	A	3VL9 800-8SA40		1	1 unit	113	0.090
C	3VL9 700-8BL00		1	1 unit	113	0.002	C	3VL9 700-8BL00		1	1 unit	113	0.002
B	3VL9 000-8AP01		1	1 unit	113	0.605	B	3VL9 000-8AP01		1	1 unit	113	0.605

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	For VL1600 (3VL8) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Interlocks							
3- or 4-pole							
 NSE0_00732 3VL9 .00-3HL00	Locking devices for toggle levers For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with Ø 5–8 mm can be used. Removable (padlocks not included)						
	C	3VL9 800-3HL00		1	1 unit	113	0.238
 NSE0_00733 3VL9 .00-8L.00	Rear interlocking modules For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and size. Circuit breakers, fixed-mounted ¹⁾						
	C	3VL9 800-8LC00		1	1 unit	113	2.935
	C	3VL9 800-8LD00		1	1 unit	113	3.825
	Interlocking modules for Bowden wire interlocking²⁾ For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker						
	C	3VL9 800-8LA00		1	1 unit	113	0.283
 NSE0_00734 3VL9 .00-8LA00	Bowden wires for Bowden wire interlocking²⁾ Wire length 0.5 m Wire length 1.0 m Wire length 1.5 m						
	C	3VL9 000-8LH30		1	1 unit	113	0.412
	Safety lock assembly kits Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms Lock types Ronis						
 NSE0_00680 3VL9 ...-8HA00	A	3VL9 715-8HA00		1	1 unit	113	0.309
	For motorized operating mechanisms Lock types Ronis Filli Giussani						
	A	3VL9 715-8HA00		1	1 unit	113	0.309
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3- or 4-pole circuit breaker to a prepared surface Set with 4 screws						
	A	3VL9 800-8SA40		1	1 unit	113	0.090
	Transparent covers for releases, sealable To prevent access by unqualified personnel and unauthorized changes to settings (seal not included)						
	Electronic Trip Units						
	C	3VL9 700-8BL00		1	1 unit	113	0.002
 NSE0_01531a 3VL9 000-8AP01	Thermal-magnetic						
	B	3VL9 000-8AP01		1	1 unit	113	0.605

¹⁾ Mounting plate not included in scope of supply.

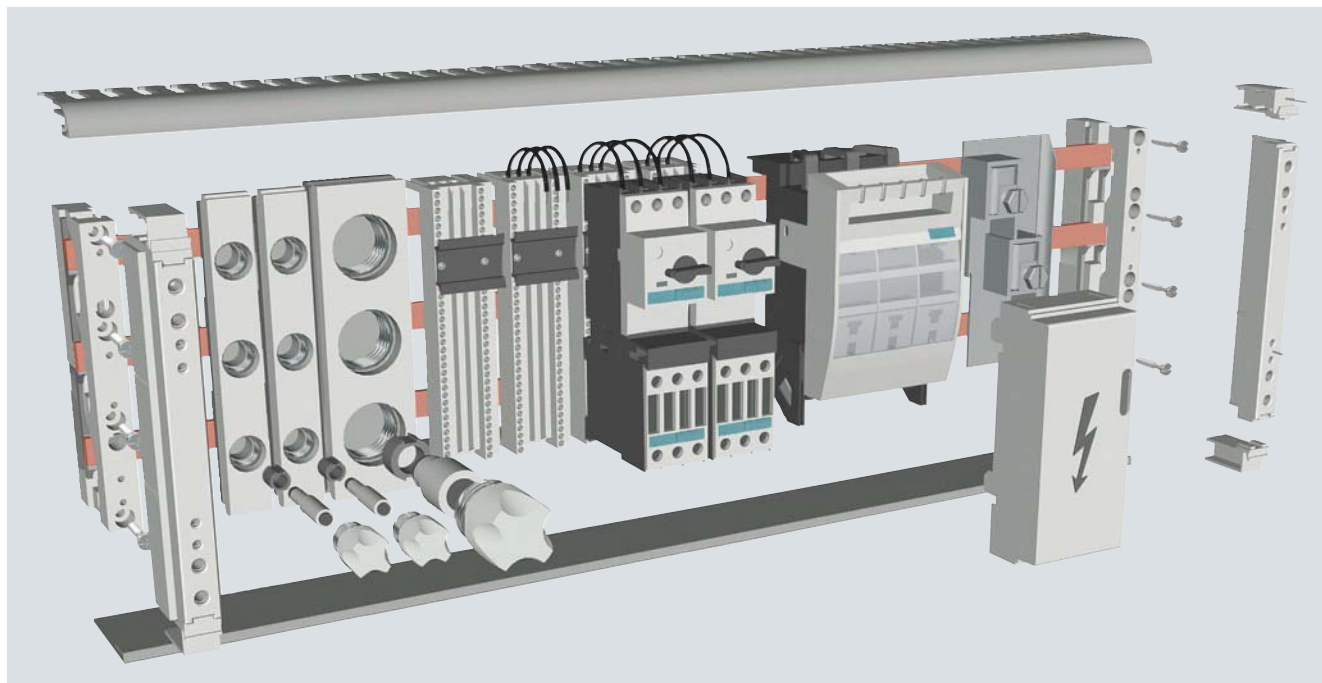
²⁾ Two interlocking modules and one Bowden wire are required.
 Cannot be used in conjunction with motorized operating mechanism and withdrawable version.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2



Busbar adapter systems with 40 mm or 60 mm busbar center-to-center spacing with components for busbar runs, adapters and switching device holders for individual equipment possibilities, devices with an integrated adapter, as well as accessories and flat copper profiles. Observe the short-circuit strength of the busbar system. Short-circuit strength greater than 50 kA on request.

See also chapter "Busbar Systems".

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
							kg
40 mm busbar adapter systems							
According to DIN 43870 Part 2 for copper busbars with sharp (DIN 1759) and with rounded (DIN 46433) edges, width 12 mm and 15 mm, thickness 5 mm and 10 mm.							
Up to 160 A							
Busbar adapters , length 175 mm							
With plug connection tags at top, 3-pole							
With terminal cover (degree of protection IP10) ¹⁾							
For one VL160X (3VL1) circuit breaker ²⁾							
108 mm wide		A	8US10 11-4SL01	1	1 unit	143	0.585

¹⁾ For degree of protection IP30, the terminal covers from [page 2/79 to 2/84](#) should be ordered.

²⁾ Usable only for 3VL circuit breakers with line-side box terminals.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
							kg

60 mm busbar adapter systems

For copper busbars with sharp (DIN 1759) and with rounded (DIN 46433) edges, width 12 mm to 30 mm, thickness 5 mm and 10 mm, also for T and double-T special profiles



8US12 11-4SL01

Up to 160 A

Busbar adapters, length 175 mm
With plug connection tags at top, 3-pole
With terminal cover (degree of protection IP10)¹⁾
For one VL160X/VL160 (3VL1, 3VL2) 108 mm wide A circuit breaker²⁾

8US12 11-4SL01

1 1 unit 143 0.597

Up to 250 A

Busbar adapters, length 175 mm
With plug connection tags at top, 3-pole
With terminal cover (degree of protection IP10)¹⁾
For one VL250 (3VL3) circuit breaker 108 mm wide A

8US12 11-4SL00

1 1 unit 143 0.662

Up to 400 A

Busbar adapters, length 320 mm
With threaded inserts M4, M6 and M8
For various types of switchgears, 3-pole
Without connecting cables,
with M10 terminal screws at top and bottom¹⁾

Adapter 185 mm wide A

8US12 10-4AF00

1 1 unit 143 2.769

Mounting plates for 8US12 10-4AF00

For VL400 (3VL4) circuit breakers
(also for VL160X+RCD, VL160, VL250 circuit breakers (3VL1 + RCD, 3VL2, 3VL3))

A

8US19 27-4AF01

1 1 unit 143 0.575

For VL630 (3VL5) circuit breakers
($I_{n \max} = 580$ V)

A

8US12 13-4AF00

1 1 unit 143 2.880

The connecting cable between adapter and switching device should be manufactured in accordance with the rated current as a round cable, e. g. H07V-R, with a cable lug or as a flat conductor for bolt-type connection M10 (adapter).

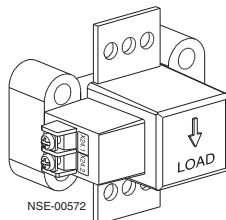
¹⁾ For degree of protection IP30, the terminal covers from page 2/79 to 2/84 should be ordered.

²⁾ Usable only for 3VL circuit breakers with line-side box terminals.

Type	Rated current I_n	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
	A							kg

Further accessories

Current transformers (-T6) for N conductor/grounded neutral point of the transformer for ground-fault protection in 4-wire three-phase systems¹⁾



NSE-00572

VL160/3VL2	63, 80	A	3VL9 280-8TC00	1	1 unit	113	0.500
	100	A	3VL9 210-8TC00	1	1 unit	113	0.450
	160	A	3VL9 216-8TC00	1	1 unit	113	0.485
VL250/3VL3	200	A	3VL9 320-8TC00	1	1 unit	113	0.445
	250	A	3VL9 325-8TC00	1	1 unit	113	0.493
VL400/3VL4	315	A	3VL9 440-8TC00	1	1 unit	113	0.493
	400	A	3VL9 440-8TC00	1	1 unit	113	0.493
VL630/3VL5	630	A	3VL9 563-8TC00	1	1 unit	113	0.760
VL800/3VL6	800	A	3VL9 680-8TC00	1	1 unit	113	0.778
VL1250/3VL7	1000	A	3VL9 712-8TC00	1	1 unit	113	2.080
	1250	A	3VL9 712-8TC00	1	1 unit	113	2.080
VL1600/3VL8	1600	A	3VL9 816-8TC00	1	1 unit	113	2.110

¹⁾ Please note the rated current of the circuit breaker.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

2

Accessories and spare parts

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Accessories for communication							
3- or 4-pole							
Data transmission through COM20, COM21							
VL160 (3VL2) to VL1600 (3VL8)							
COM20 Release 2 (PROFIBUS module for 3VL molded case circuit breaker) for ETU release with communication function and LCD ETU Module for connecting the 3VL molded case circuit breaker to the PROFIBUS DP, including switching function and Zone Selective Interlocking functionality, connection cable to ETU included in delivery of the ETU, length 1.5 m.	A	3VL9 000-8AU00		1	1 unit	113	1.038
COM21 Release 2 (MODBUS RTU module for 3VL molded case circuit breaker) for ETU release with communication function and LCD ETU Module for connecting the 3VL molded case circuit breaker to the MODBUS RTU, including switching function and Zone Selective Interlocking functionality, connection cable to ETU included in delivery of the ETU, length 1.5 m.	B	3VL9 000-8AV00		1	1 unit	113	1.038
Connection cable ETU – COM20/COM21 For VL400, length 3 m	A	3VL9 000-8AQ61		1	1 unit	113	0.210
For VL630 ... VL1600, length 3 m	A	3VL9 000-8AQ71		1	1 unit	113	0.210
For VL160 ... VL250, length 3 m	A	3VL9 000-8AQ81		1	1 unit	113	0.210
Addressing plugs For assigning the PROFIBUS module addresses without using a PC/PG On COM20/COM21 through the system interface	►	3UF7 910-0AA00-0		1	1 unit	42J	0.030
Switch ES Power parameterization software Calibration, operation, monitoring, and diagnostics of SENTRON circuit breakers via PROFIBUS DP; runs under Windows XP Professional, requires additional PROFIBUS card, e. g. CP5613	A	3ZS2 311-0CC10-0YA0		1	1 unit	133	0.200

Communication:

- For molded case circuit breakers with communication function
see pages 2/14 to 2/30, 2/42 to 2/52.
- For more information see also chapters "Measuring Devices and Power Management" and "Software".

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

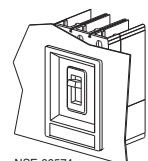
Accessories and spare parts

Version	DT	For VL160X (3VL1)	Price per PU	PU (UNIT, SET, M)	PS* / P. unit	PG	Weight per PU approx.
		Order No.					kg

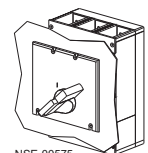
Further accessories

3- or 4-pole

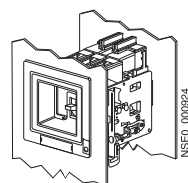
Masking frames (cover frames) For door cutouts



NSE-00574
Masking frame A



NSE-00575
Masking frame B



Masking frame C

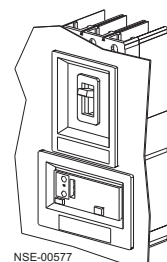
A IP40	Fixed-mounted or plug-in circuit breaker	A	3VL9 300-8BC00	1	1 unit	113	0.038
B¹⁾ IP40	Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism (with or without SEO/MO stored energy mechanisms)	A	3VL9 300-8BG00	1	1 unit	113	0.099
C IP20	Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains masking frame and extended escutcheon (cannot be used together with a motorized operating mechanism/rotary operating mechanism)	--	--				
D IP40	Fixed-mounted circuit breaker or plug-in circuit breaker	A	3VL9 300-8BD00	1	1 unit	113	0.034
	RCD circuit breaker masking frame	A	3VL9 300-8BD00	1	1 unit	113	0.034
E¹⁾ IP40	Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon	--	--				
	Circuit breaker with RCD module and motorized operating mechanism. Assembly kit contains masking frame and extended escutcheon	--	--				

Version	DT	For VL400 (3VL4)	Price per PU	PU (UNIT, SET, M)	PS* / P. unit	PG	Weight per PU approx.
		Order No.					kg

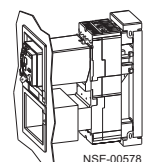
Further accessories

3- or 4-pole

Masking frames (cover frames) For door cutouts



NSE-00577
Masking frame D



Masking frame E

A IP40	Fixed-mounted or plug-in circuit breaker	A	3VL9 400-8BC00	1	1 unit	113	0.027
B¹⁾ IP40	Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism (only with SEO stored energy mechanisms)	A	3VL9 400-8BG00	1	1 unit	113	0.149
C IP20	Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains masking frame and extended escutcheon (cannot be used together with a motorized operating mechanism/rotary operating mechanism)	A	3VL9 400-8BH00	1	1 unit	113	0.426
D IP40	Fixed-mounted circuit breaker or plug-in circuit breaker	A	3VL9 400-8BC00	1	1 unit	113	0.027
	RCD circuit breaker masking frame	A	3VL9 400-8BD00	1	1 unit	113	0.047
E¹⁾ IP40	Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon	A	3VL9 400-8BH00	1	1 unit	113	0.426
	Circuit breaker with RCD module and motorized operating mechanism. Assembly kit contains masking frame and extended escutcheon	A	3VL9 400-8BJ00	1	1 unit	113	0.395

¹⁾ For withdrawable version IP20.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

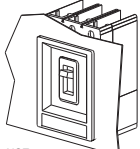
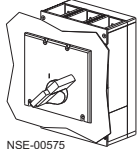
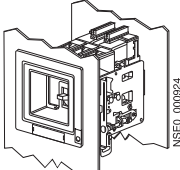
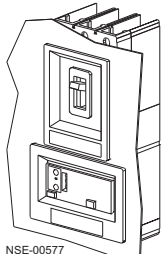
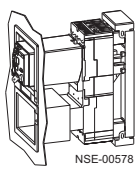
2

DT	For VL160 (3VL2) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL250 (3VL3) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	3VL9 300-8BC00		1	1 unit	113	0.038	A	3VL9 300-8BC00		1	1 unit	113	0.038
A	3VL9 300-8BG00		1	1 unit	113	0.099	A	3VL9 300-8BG00		1	1 unit	113	0.099
A	3VL9 300-8BH00		1	1 unit	113	0.267	A	3VL9 300-8BH00		1	1 unit	113	0.267
A	3VL9 300-8BD00		1	1 unit	113	0.034	A	3VL9 300-8BD00		1	1 unit	113	0.034
A	3VL9 300-8BD00		1	1 unit	113	0.034	A	3VL9 300-8BD00		1	1 unit	113	0.034
A	3VL9 300-8BH00		1	1 unit	113	0.267	A	3VL9 300-8BH00		1	1 unit	113	0.267
A	3VL9 300-8BJ00		1	1 unit	113	0.230	A	3VL9 300-8BJ00		1	1 unit	113	0.230
DT	For VL630 (3VL5) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	DT	For VL800 (3VL6) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	3VL9 600-8BC00		1	1 unit	113	0.055	A	3VL9 600-8BC00		1	1 unit	113	0.055
A	3VL9 600-8BG00		1	1 unit	113	0.177	A	3VL9 600-8BG00		1	1 unit	113	0.177
A	3VL9 600-8BH00		1	1 unit	113	0.575	A	3VL9 600-8BH00		1	1 unit	113	0.575
--							--						
--							--						
--							--						
--							--						

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

Version		DT	For VL1250 (3VL7) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Further accessories								
3- or 4-pole								
Masking frames (cover frames) For door cutouts								
 NSE-00574 Masking frame A	A	Fixed-mounted or plug-in circuit breaker	A	3VL9 800-8BC00	1	1 unit	113	0.043
	B¹⁾	Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism	A	3VL9 800-8BG00	1	1 unit	113	0.192
	C	Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains masking frame and extended escutcheon (cannot be used together with a motorized operating mechanism/rotary operating mechanism)	A	3VL9 800-8BH00	1	1 unit	113	0.531
	D	Fixed-mounted circuit breaker or plug-in circuit breaker RCD circuit breaker masking frame RCD masking frame	-- --					
	E¹⁾	Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon Circuit breaker with RCD module and motorized operating mechanism. Assembly kit contains masking frame and extended escutcheon	-- --					
 NSE-00575 Masking frame B								
 NSE0_00924 Masking frame C								
 NSE-00577 Masking frame D								
 NSE-00578 Masking frame E								

¹⁾ For withdrawable version IP20.

Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A, IEC

Accessories and spare parts

2

DT	For VL1600 (3VL8) Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
----	--------------------------------	-----------------	-------------------------	-----------------	----	-----------------------------------

A	3VL9 800-8BC00		1	1 unit	113	0.043
---	-----------------------	--	---	--------	-----	-------

A	3VL9 800-8BG00		1	1 unit	113	0.192
---	-----------------------	--	---	--------	-----	-------

A	3VL9 800-8BH00		1	1 unit	113	0.531
---	-----------------------	--	---	--------	-----	-------

--

--

--

--