

3VL Molded Case Circuit Breakers

3VL Molded Case Circuit Breakers up to 1600 A

3-pole

Selection and ordering data

Type	Rated current I_n	Current setting of the inverse-time delayed overload release "L" I_R	Operating current of the instantaneous short-circuit release "I" I_i	DT **	I_{cu} up to 55 kA at 415 V, standard switching capacity N See "Overview".					(N)
					Order No.	Basic price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	A	A	A		Order No. supplement required, see page 16/48					kg

Fixed-mounted circuit breakers, VL160X to VL630, up to 630 A, thermal-magnetic overcurrent releases



NSE0_00695

VL160X/
3VL1

System protection, TM, LI function

With permanently fixed thermal overload releases, permanently set short-circuit releases

16	16	300	B	3VL17 96-1DA33-....	1	1 unit	113	1.900
20	20	300	B	3VL17 02-1DA33-....	1	1 unit	113	1.900
25	25	300	B	3VL17 25-1DA33-....	1	1 unit	113	2.000
32	32	300	B	3VL17 03-1DA33-....	1	1 unit	113	2.000
40	40	600	B	3VL17 04-1DA33-....	1	1 unit	113	2.000
50	50	600	B	3VL17 05-1DA33-....	1	1 unit	113	2.000
63	63	600	B	3VL17 06-1DA33-....	1	1 unit	113	2.000
80	80	1000	B	3VL17 08-1DA33-....	1	1 unit	113	2.000
100	100	1000	B	3VL17 10-1DA33-....	1	1 unit	113	2.000
125	125	1000	B	3VL17 12-1DA33-....	1	1 unit	113	2.000
160	160	1500	B	3VL17 16-1DA33-....	1	1 unit	113	2.000

Connection type can be selected by assignment of the 12th position of the Order No.

- Connection with box terminal
- Connection with screw terminal¹⁾

3
6

NSE0_00703

VL160X/
3VL1

System protection, TM, LI function

With adjustable thermal overload releases, permanently set short-circuit releases

20	16 ... 20	300	B	3VL17 02-1DD33-....	1	1 unit	113	1.900
32	25 ... 32	300	B	3VL17 03-1DD33-....	1	1 unit	113	2.000
40	32 ... 40	600	B	3VL17 04-1DD33-....	1	1 unit	113	2.000
50	40 ... 50	600	B	3VL17 05-1DD33-....	1	1 unit	113	2.000
63	50 ... 63	600	B	3VL17 06-1DD33-....	1	1 unit	113	2.000
80	63 ... 80	1000	B	3VL17 08-1DD33-....	1	1 unit	113	2.000
100	80 ... 100	1000	B	3VL17 10-1DD33-....	1	1 unit	113	2.000
125	100 ... 125	1000	B	3VL17 12-1DD33-....	1	1 unit	113	2.000
160	125 ... 160	1500	B	3VL17 16-1DD33-....	1	1 unit	113	2.000

Connection type can be selected by assignment of the 12th position of the Order No.

- Connection with box terminal
- Connection with screw terminal¹⁾

3
6

NSE0_00704

VL160/
3VL2

System protection, TM, LI function

With adjustable thermal overload releases, adjustable short-circuit releases

VL160/ 3VL2	50	40 ... 50	300 ... 600	B	3VL27 05-1DC33-....	1	1 unit	113	2.200
	63	50 ... 63	300 ... 600	B	3VL27 06-1DC33-....	1	1 unit	113	2.200
	80	63 ... 80	400 ... 800	B	3VL27 08-1DC33-....	1	1 unit	113	2.200
	100	80 ... 100	500 ... 1000	B	3VL27 10-1DC33-....	1	1 unit	113	2.200
	125	100 ... 125	625 ... 1250	B	3VL27 12-1DC33-....	1	1 unit	113	2.200
	160	125 ... 160	800 ... 1600	B	3VL27 16-1DC33-....	1	1 unit	113	2.200
VL250/ 3VL3	200	160 ... 200	1000 ... 2000	B	3VL37 20-1DC33-....	1	1 unit	113	2.300
	250	200 ... 250	1250 ... 2500	B	3VL37 25-1DC33-....	1	1 unit	113	2.300

Connection type can be selected by assignment of the 12th position of the Order No.

- Connection with box terminal
- Connection with screw terminal¹⁾

3
6

VL400/ 3VL4	200	160 ... 200	1000 ... 2000	B	3VL47 20-1DC36-....	1	1 unit	113	5.700
	250	200 ... 250	1250 ... 2500	B	3VL47 25-1DC36-....	1	1 unit	113	5.700
	315	250 ... 315	1575 ... 3150	B	3VL47 31-1DC36-....	1	1 unit	113	5.700
	400	320 ... 400	2000 ... 4000	B	3VL47 40-1DC36-....	1	1 unit	113	5.700
VL630/ 3VL5	315	250 ... 315	1575 ... 3150	B	3VL57 31-1DC36-....	1	1 unit	113	9.000
	400	320 ... 400	2000 ... 4000	B	3VL57 40-1DC36-....	1	1 unit	113	9.000
	500	400 ... 500	2500 ... 5000	B	3VL57 50-1DC36-....	1	1 unit	113	9.000
	630	500 ... 630	3150 ... 6300	B	3VL57 63-1DC36-....	1	1 unit	113	9.000

** Delivery time class A for Order No. supplement "0AA0", see page 16/48.

¹⁾ Cannot be used in conjunction with RCD module.

* You can order this quantity or a multiple thereof.