

SIEMENS



3VT Molded Case Circuit Breakers up to 1600 A

SENTRON

SIVACON

Technology
Partner

SIEMENS



Price
List

Edition
2017

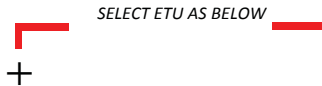
3VT1 Molded Case Circuit Breakers up to 160 A Accessories

	Article No.	Unit Price (THB)
Auxiliary switches .		
<i>Auxiliary switches for signalling the state of the main contacts</i>		
	• AC/DC 60 ... 250 V 1CO	3VT9100-2AB10 560.00
	• AC/DC 5 ... 60 V 1CO	3VT9100-2AB20 625.00
Alarm switches.		
<i>for signalling the tripping of the circuit breaker by an trip unit.</i>		
	• AC/DC 60 ... 250 V 1CO	3VT9100-2AH10 600.00
	• AC/DC 5 ... 60 V 1CO	3VT9100-2AH20 650.00
Shunt trip unit.		
<i>Shunt trip units can trip the circuit breaker from a remote location</i>		
	• DC 12 V	3VT9100-1SB00 1,870.00
	• AC/DC 24, 48 V	3VT9100-1SC00 1,870.00
	• AC 110, 230 V/DC 110, 220 V	3VT9100-1SD00 1,870.00
	• AC 230, 400 V/DC 220 V	3VT9100-1SE00 1,870.00
Undervoltage trip unit.		
<i>Undervoltage trip units trip the circuit breaker automatically when the circuit voltage drops below 70 % Ue</i>		
	• AC 24, 48 V	3VT9100-1UC00 2,450.00
	• AC 110, 230 V	3VT9100-1UD00 2,450.00
	• AC 230, 400 V	3VT9100-1UE00 2,450.00
	• DC 24, 48 V	3VT9100-1UU00 2,450.00
	• DC 110, 220 V	3VT9100-1UV00 2,450.00
Rotary operating mechanism		
	• lockable with padlock gray	3VT9100-3HA20 1,200.00
Knob		
	• lockable with padlock black	3VT9100-3HE20 265.00
Coupling driver for door-coupling operating mechanism (with defeat mechanism)		
<i>Additionally requires 3VT9100-3HE10 or 3VT9100-3HE20 black knob</i>		
	• degree of protection IP40 black	3VT9100-3HG10 375.00
	• degree of protection IP66 black	3VT9100-3HG20 470.00
Extension shaft		
	• length 350 mm, can be shortened	3VT9100-3HJ10 220.00
	length 199 ... 352 mm, telescopic	3VT9100-3HJ20 375.00
Mechanical interlocking		
<i>The mechanical interlocks additionally require the following parts:</i>		
• 2 x 3VT9 100-3HA../HB.. rotary operating mechanisms		
• 1 or 2 x 3VT9 100-3HE/HF.. knobs		
	• Mechanical interlocking	3VT9100-8LA00 3,100.00
	• Mechanical interlocking for parallel switching	3VT9100-8LB00 1,715.00
Motorized operating mechanism (without storage spring)		
<i>Laterally mounted (side mounted) motorized operating mechanism</i>		
Rated control supply voltage Us		
AC 50/60 Hz or DC		
	• AC/DC 24 V	3VT9100-3MA00 7,360.00
	• AC/DC 48 V	3VT9100-3MB00 7,360.00
	• AC/DC 110 V	3VT9100-3MD00 7,360.00
	• AC 230 V/DC 220 V	3VT9100-3ME00 7,360.00

3VT2 Molded Case Circuit Breakers up to 250 A
3VT3 Molded Case Circuit Breakers up to 630 A

3VT2 Molded Case Circuit Breakers up to 250 A

Switching Units



Rated current <i>In</i> A	Breaking capacity <i>Icu</i> (AC 415 V) kA	DT Article No. 3-pole version	Unit Price THB
250	36	3VT2725-2AA36-0AA0	6,750.00
250	65	3VT2725-3AA36-0AA0	8,960.00

**Distribution protection
ETU DP
LI function**



Rated current <i>In</i> A	Current setting of the inverse-time delayed over- current releases "L" IR (A)	S function short circuit protection short-time delayed "S" Isd	Operating current <i>ins-tantaneous</i> short-circuit releases "I" li	Article No.	Unit Price THB
100	40 ... 100		4 X IR / 8 X IR	3VT9210-6AC00	11,715.00
160	63 ... 160		4 X IR / 8 X IR	3VT9216-6AC00	13,910.00
250	100 ... 250		4 X IR / 8 X IR	3VT9225-6AC00	13,910.00

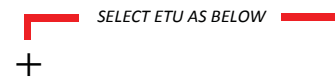
**Motor/generator protection,
ETU MPS, LSI function**



100	40 ... 100	3 ... 9 x IR	2500 A	3VT9210-6AS00	10,600.00
160	63 ... 160	3 ... 9 x IR	2500 A	3VT9216-6AS00	13,270.00
250	100 ... 250	3 ... 9 x IR	2500 A	3VT9225-6AS00	14,935.00

3VT3 Molded Case Circuit Breakers up to 630 A

Switching Units



Rated current <i>In</i> A	Breaking capacity <i>Icu</i> (AC 415 V) kA	DT Article No. 3-pole version	Unit Price THB
630	36	3VT3763-2AA36-0AA0	21,550.00
630	65	3VT3763-3AA36-0AA0	26,450.00

**Distribution protection
ETU DP, LI function**
• for protecting lines
and transformers



Rated current <i>In</i> (A)	Current setting of the inverse-time delayed over- current releases "L" IR (A)	S function short circuit protection short-time delayed "S" Isd	Operating current <i>ins-tantaneous</i> short-circuit releases "I" li	Article No.	Unit Price THB
250	100 ... 250	4 x IR / 12.5 x IR		3VT9325-6AC00	13,910.00
400	160 ... 400	4 x IR / 12.5 x IR		3VT9340-6AC00	16,200.00
630	250 ... 630	4 x IR / 12.5 x IR		3VT9363-6AC00	19,670.00

Motor/generator protection, ETU MPS, LSI function

- for direct protection of motors and generators.
- suitable also for protecting lines and transformers
- enables setting time delay of time-independent trip unit to 0,100,200 or 300ms



250	100 ... 250	2 ... 10 x IR	6500 A	3VT9325-6AS00	14,850.00
400	160 ... 400	2 ... 10 x IR	6500 A	3VT9340-6AS00	20,780.00
630	250 ... 630	2 ... 10 x IR	6500 A	3VT9363-6AS00	26,670.00



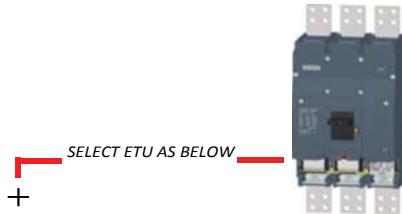
3VT2 & 3VT3 Molded Case Circuit Breakers Accessories.

Internal Accessories for 3VT2 & 3VT3		Article No.	Unit Price THB	
	Rated control supply voltage <i>Us</i> AC 50/60 Hz/DC			
	Auxiliary contact with single NO contacts			
	• AC/DC 60 ... 500 V	1NO	3VT9300-2AC10	560.00
	• AC/DC 5 ... 60 V	1NO	3VT9300-2AC20	625.00
	Auxiliary contact with single NC contacts			
	• AC/DC 60 ... 500 V	1NC	3VT9300-2AD10	560.00
	• AC/DC 5 ... 60 V	1NC	3VT9300-2AD20	625.00
	with double contacts (NO and NC)			
	AC/DC 60 ... 500 V	1NO+1NC	3VT9300-2AF10	750.00
	AC/DC 5 ... 60 V	1NO+1NC	3VT9300-2AF20	810.00
	Shunt trip units (for VT250,VT630)			
	DC 12 V		3VT9300-1SB00	1,865.00
	AC/DC 24, 40, 48 V		3VT9300-1SC00	1,870.00
	AC/DC 110 V		3VT9300-1SD00	1,870.00
	AC 230, 400, 500 V/DC 220 V		3VT9300-1SE00	1,870.00
	Undervoltage trip units (for VT250,VT630)			
	AC/DC 24, 40, 48 V		3VT9300-1UC00	2,430.00
AC/DC 110 V		3VT9300-1UD00	2,430.00	
AC 230, 400, 500 V/DC 220 V		3VT9300-1UE00	2,430.00	
	Rotary operating mechanisms			
	• lockable with padlock	gray	3VT9200-3HA20	1,685.00
	Knobs for rotary operating mechanism (for VT250,VT630)			
	• lockable with padlock	black	3VT9300-3HE20	375.00
	Coupling driver for door-coupling operating mechanism (for VT250,VT630)			
	To be used with the 3VT9300-3HE10 or 3VT9300-3HE20 black knob			
	• degree of protection IP40	black	3VT9300-3HG10	470.00
	• degree of protection IP66	black	3VT9300-3HG20	535.00
	Extension shaft, length 365 mm, may be shortened			3VT9300-3HJ10 255.00
	Extension shaft, telescopic, length 245 ... 410 mm			3VT9300-3HJ20 375.00
	Mechanical interlocking for fixed-mounted version only			
	The mechanical interlocking additionally requires the following parts:			
	• 2 x 3VT9200-3HA../HB.. rotary operating mechanisms,		3VT9300-8LA00	3,900.00
	• 2 x 3VT9300-3HE../HF.. knobs			
	Mechanical interlocking by Bowden wires			
• for two 3VT2 circuit breakers		3VT9200-8LC10	3,900.00	
• for one 3VT2 and one 3VT3 circuit breaker		3VT9300-8LC20	3,900.00	
	Motorized operating mechanism with storage spring			
	Degree of protection IP00, with locking device for 3 padlocks			
	AC/DC 24 V		3VT9200-3MJ00	10,580.00
	AC/DC 48 V		3VT9200-3ML00	10,580.00
	AC/DC 110 V		3VT9200-3MN00	10,580.00
AC 230 V/DC 220 V		3VT9200-3MQ00	10,580.00	
	Insulating barriers			
	Included in the scope of supply of the switching unit; in case the circuit breaker/switch disconnecter is fed-in from below (power supply connected to terminals 2, 4, 6), it is necessary in most cases to install these barriers also on the bottom side			
	• set of two pieces, for 3-pole version		3VT9300-8CE30	495.00
• one piece, additionally needed for 4-pole version		3VT9300-8CE00	250.00	

3VT4 Molded Case Circuit Breakers up to 1000 A 3VT5 Molded Case Circuit Breakers up to 1600 A

3VT4 Molded Case Circuit Breakers up to 1000 A

Switching Units



Rated current In A	Breaking capacity Icu (AC 415 V) kA	Article No.	Unit Price THB
Fixed-mounted 3Poles			
1000	55	3VT4710-3AA30-0AA0	32,500.00

Electronic trip units(ETU)

Distribution protection, ETU DP, LI function

- Provides protection for lines and transformers



Rated current In (A)	Current setting of the inverse-time delayed over- current releases "L" IR (A)	S function short circuit protection short-time delayed "S" Isd	Operating current ins-tantaneous short-circuit releases "I" Ii	Article No.	Unit Price THB
315	125 ... 315	500 ... 5000		3VT9431-6AC00	12,200.00
630	250 ... 630	800 ... 10000		3VT9463-6AC00	16,100.00
800	315 ... 800	1000 ... 12000		3VT9480-6AC00	19,400.00
1000	400 ... 1000	1250 ... 14000		3VT9410-6AC00	33,800.00

Universal protection, ETU UP, LSI function

- For protecting complicated loads



315	125 ... 315	3 ... 9 x IR	500 ... 5000	3VT9431-6AD00	14,800.00
630	250 ... 630	3 ... 9 x IR	800 ... 10000	3VT9463-6AD00	17,900.00
800	315 ... 800	3 ... 9 x IR	1000 ... 12000	3VT9480-6AD00	22,000.00
1000	400 ... 1000	3 ... 9 x IR	1250 ... 14000	3VT9410-6AD00	34,700.00

3VT5 Molded Case Circuit Breakers up to 1600 A

Switching units.



Rated current In A	Breaking capacity Icu (AC 415 V) kA	Article No.	Unit Price THB
Fixed-mounted 3Poles			
1600	55	3VT5716-3AA30-0AA0	41,500.00

Distribution protection, ETU DP, LI function

- For protecting lines
and transformers



Rated current In (A)	Current setting of the inverse-time delayed over- current releases "L" IR (A)	S function short circuit protection short-time delayed "S" Isd	Operating current ins-tantaneous short-circuit releases "I" Ii	Article No.	Unit Price THB
630	250 ... 630	800 ... 10000		3VT9563-6AC00	16,500.00
1000	400 ... 1000	1250 ... 15000		3VT9510-6AC00	33,800.00
1250	500 ... 1250	1500 ... 18000		3VT9512-6AC00	41,500.00
1600	630 ... 1600	2000 ... 20000		3VT9516-6AC00	59,000.00

Universal protection, ETU UP, LSI function

- Provides protection for complicated loads
or load not specified in advance



630	250 ... 630	2 ... 10 x IR	800 ... 10000	3VT9563-6AD00	17,900.00
1000	400 ... 1000	2 ... 10 x IR	1250 ... 15000	3VT9510-6AD00	34,700.00
1250	500 ... 1250	2 ... 10 x IR	1500 ... 18000	3VT9512-6AD00	43,500.00
1600	630 ... 1600	2 ... 10 x IR	2000 ... 20000	3VT9516-6AD00	61,300.00



3VT4 & 3VT5 Molded Case Circuit Breakers Accessories.

Internal Accessories for 3VT4 and 3VT5

	Rated control supply voltage Us	Article No.	UNIT PRICE THB	
	Auxiliary switches			
	for VT1000, VT1600			
	AC 60 ... 500 V/DC60 ... 240 V	2NO+2NC	3VT9500-2AF10	750.00
	AC/DC 5 ... 60 V	2NO+2NC	3VT9500-2AF20	810.00
	Shunt trip units.			
	for VT1000, VT1600 SHUNT TRIP UNIT FOR 110V AC/DC FOR MOUNTING ON THE LEFT			
	AC/DC 24 V		3VT9500-1SF00	2,750.00
	AC/DC 48 V		3VT9500-1SG00	2,750.00
	AC/DC 110 V		3VT9500-1SH00	Price on request
	AC 230 V/DC 220 V		3VT9500-1SJ00	Price on request
	AC 400 V		3VT9500-1SK00	Price on request
	Undervoltage trip units			
	for VT1000, VT1600			
	AC/DC 24 V		3VT9500-1UF00	3,010.00
	AC/DC 48 V		3VT9500-1UG00	3,010.00
	AC/DC 110 V		3VT9500-1UH00	3,010.00
	AC 230 V/DC 220 V		3VT9500-1UJ00	3,010.00
	Rotary operating mechanism (hand drive unit) (for VT1000,VT1600)			
	• lockable with padlock	grey	3VT9500-3HA10	3,750.00
	Hand drive lever			
	• lockable with padlock	black	3VT9500-3HE10	720.00
	Coupling driver			
	• Degree of protection IP44		3VT9500-3HG10	780.00
	• Degree of protection IP66		3VT9500-3HG20	940.00
	Extension shaft length 365 mm		3VT9500-3HJ10	470.00
	Mechanical interlocking			
	Mechanical interlocking for the rotary operating mechanism for circuit breakers/switch disconnectors, fixed-mounted version			
			3VT9500-8LA00	4,550.00
	Mechanical interlocking by Bowden wire			
	Mechanical interlocking by Bowden wire is intended for fixed-mounted and withdrawable versions.			
	• For circuit breakers/switch disconnectors, fixed-mounted version		3VT9500-8LC10	4,525.00
	Motorized operating mechanism;			
	Rated control voltage			
	AC/DC 110 V		3VT9500-3MN00	29,660.00
AC 230 V/DC 220 V		3VT9500-3MQ00	29,660.00	

Molded Case Circuit Breakers

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

SENTRON 3VL Molded Case Circuit Breakers

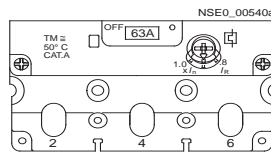


Price List.. October 2017

Molded Case Circuit Breakers

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

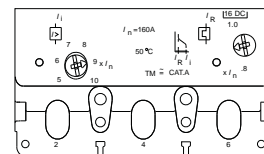
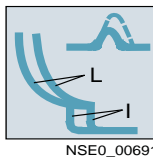
3-pole, fixed-mounted, for system protection, 16 A to 160 A, thermal-magnetic overcurrent releases LI



3-Pole, fixed-mounted, for system protection
Thermal-magnetic overcurrent release LI
System protection, TM, LI function
With adjustable thermal overcurrent releases, non-adjustable short-circuit releases

Type	Rated current In A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" II	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price (THB)	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price (THB)
VL160X/ 3VL1							
	20	16 ... 20	300	3VL1702-1DD36-0AA0	9,575.00	3VL1702-2DD36-0AA0	10,975.00
	32	25 ... 32	300	3VL1703-1DD36-0AA0	9,575.00	3VL1703-2DD36-0AA0	10,975.00
	40	32 ... 40	600	3VL1704-1DD36-0AA0	9,575.00	3VL1704-2DD36-0AA0	10,975.00
	50	40 ... 50	600	3VL1705-1DD36-0AA0	9,575.00	3VL1705-2DD36-0AA0	10,975.00
	63	50 ... 63	600	3VL1706-1DD36-0AA0	9,575.00	3VL1706-2DD36-0AA0	10,975.00
	80	63 ... 80	1000	3VL1708-1DD36-0AA0	9,650.00	3VL1708-2DD36-0AA0	11,550.00
	100	80 ... 100	1000	3VL1710-1DD36-0AA0	11,500.00	3VL1710-2DD36-0AA0	13,500.00
	125	100 ... 125	1000	3VL1712-1DD36-0AA0	18,750.00	3VL1712-2DD36-0AA0	21,500.00
	160	125 ... 160	1500	3VL1716-1DD36-0AA0	22,500.00	3VL1716-2DD36-0AA0	26,850.00

3-pole, fixed-mounted, for system protection, 16 A to 160 A, thermal-magnetic overcurrent releases LI



3-Pole, fixed-mounted, for system protection
System protection, TM, LI function
With adjustable thermal overcurrent releases, adjustable short-circuit releases

Type	Rated current In A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" II	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Basic price per pu (THB)	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Basic price per pu (THB)
VL160/ 3VL2							
	50	40 ... 50	300 ... 600	3VL2705-1DC36-0AA0	11,460.00	3VL2705-2DC36-0AA0	14,185.00
	63	50 ... 63	300 ... 600	3VL2706-1DC36-0AA0	11,460.00	3VL2706-2DC36-0AA0	14,185.00
	80	63 ... 80	400 ... 800	3VL2708-1DC36-0AA0	12,060.00	3VL2708-2DC36-0AA0	14,185.00
	100	80 ... 100	500 ... 1000	3VL2710-1DC36-0AA0	14,340.00	3VL2710-2DC36-0AA0	16,990.00
	125	100 ... 125	625 ... 1250	3VL2712-1DC36-0AA0	23,670.00	3VL2712-2DC36-0AA0	26,395.00
	160	125 ... 160	800 ... 1600	3VL2716-1DC36-0AA0	27,365.00	3VL2716-2DC36-0AA0	30,090.00

Type	Rated current In A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" II	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price
VL250/ 3VL3							
	200	160 ... 200	1000 ... 2000	3VL3720-1DC36-0AA0	25,500.00	3VL3720-2DC36-0AA0	29,500.00
	250	200 ... 250	1250 ... 2500	3VL3725-1DC36-0AA0	29,000.00	3VL3725-2DC36-0AA0	32,850.00

Type	Rated current In A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" II	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price
VL400/3VL4							
	200	160 ... 200	1000 ... 2000	3VL4720-1DC36-0AA0	33,950	3VL4720-2DC36-0AA0	38,250.00
	250	200 ... 250	1250 ... 2500	3VL4725-1DC36-0AA0	33,950	3VL4725-2DC36-0AA0	38,250.00
	315	250 ... 315	1575 ... 3150	3VL4731-1DC36-0AA0	33,950	3VL4731-2DC36-0AA0	38,250.00
	400	320 ... 400	2000 ... 4000	3VL4740-1DC36-0AA0	37,500	3VL4740-2DC36-0AA0	40,800.00

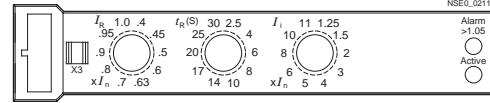
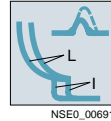
Type	Rated current In A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" II	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price
VL630/3VL5							
	315	250 ... 315	1575 ... 3150	3VL5731-1DC36-0AA0	74,400.00	3VL5731-2DC36-0AA0	86,450.00
	400	320 ... 400	2000 ... 4000	3VL5740-1DC36-0AA0	74,400.00	3VL5740-2DC36-0AA0	86,450.00
	500	400 ... 500	2500 ... 5000	3VL5750-1DC36-0AA0	74,400.00	3VL5750-2DC36-0AA0	86,450.00
	630	500 ... 630	3150 ... 6300	3VL5763-1DC36-0AA0	77,400.00	3VL5763-2DC36-0AA0	88,450.00

Molded Case Circuit Breakers

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

3-pole, fixed-mounted, for system protection, 63 A to 1600 A, Electronic Trip Units LI

**3-Pole, fixed-mounted, for system protection,
Electronic Trip Units LI
ETU10, LI function**



With adjustable overcurrent releases, adjustable short-circuit releases

Type	Rated current I _n A	Current setting range of the inverse-time delayed overcurrent release "L" IR	Operating current of the instantaneous short circuit releases "I" I _i	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price (THB)	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price (THB)
VL160/3VL2	63	25 ... 63	1.25 ... 11 x I _n	3VL2706-1SB36-0AA0	22,515.00	3VL2706-2SB36-0AA0	25,390.00
	100	40 ... 100	1.25 ... 11 x I _n	3VL2710-1SB36-0AA0	22,515.00	3VL2710-2SB36-0AA0	25,390.00
	160	64 ... 160	1.25 ... 11 x I _n	3VL2716-1SB36-0AA0	34,910.00	3VL2716-2SB36-0AA0	37,705.00
VL250/3VL3	200	80 ... 200	1.25 ... 11 x I _n	3VL3720-1SB36-0AA0	36,080.00	3VL3720-2SB36-0AA0	39,600.00
	250	100 ... 250	1.25 ... 11 x I _n	3VL3725-1SB36-0AA0	36,080.00	3VL3725-2SB36-0AA0	39,600.00
VL400/3VL4	315	128...315	1.25...11xI _n	3VL4731-1SB36-0AA0	45,065.00	3VL4731-2SB36-0AA0	48,800.00
	400	160...400	1.25...11xI _n	3VL4740-1SB36-0AA0	45,065.00	3VL4740-2SB36-0AA0	48,800.00
VL630/3VL5	630	252...630	1.25...10xI _n	3VL5763-1SB36-0AA0	101,680.00	3VL5763-2SB36-0AA0	114,910.00
VL800/3VL6	800	320...800	1.25...8xI _n	3VL6780-1SB36-0AA0	124,420.00	3VL6780-2SB36-0AA0	136,400.00
VL1250/3VL7	1000	400...1000	1.25...11xI _n	3VL7710-1SB36-0AA0	172,360.00	3VL7710-2SB36-0AA0	184,760.00
	1250	500...1250	1.25...11xI _n	3VL7712-1SB36-0AA0	190,550.00	3VL7712-2SB36-0AA0	204,185.00
VL1600/3VL8	1600	640...1600	1.25...9xI _n	3VL8716-1SB30-0AA0	261,250.00	3VL8716-2SB30-0AA0	277,350.00

Oct-17

Molded Case Circuit Breakers

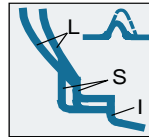
3VL Molded Case Circuit Breakers up to 1600 A, IEC



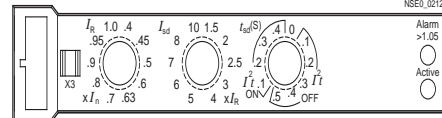
3-pole, fixed-mounted, for system protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSI

3-Pole, fixed-mounted, for system protection, ETU20, Electronic Trip LSI function for time-based discrimination

With adjustable overcurrent releases,
non-adjustable short-circuit releases,
short-circuit delay ($t_{sd} = 0 \dots 0.5$ s)



NSE0_00692



Type	Rated current I_n	Current setting of the inverse-time overcurrent releases "L" I_R	Operating current of the instantaneous short-circuit releases "I" I_i	S function short-circuit protection (short-time delayed) S	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price (THB)	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price (THB)
VL160/3VL2	63	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL2706-1SE36-0AA0	23,820.00	3VL2706-2SE36-0AA0	26,800.00
	100	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL2710-1SE36-0AA0	23,820.00	3VL2710-2SE36-0AA0	26,800.00
	160	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL2716-1SE36-0AA0	38,080.00	3VL2716-2SE36-0AA0	40,700.00
VL250/3VL3	200	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL3720-1SE36-0AA0	38,150.00	3VL3720-2SE36-0AA0	42,250.00
	250	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL3725-1SE36-0AA0	38,150.00	3VL3725-2SE36-0AA0	42,250.00
VL400/3VL4	315	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL4731-1SE36-0AA0	49,065.00	3VL4731-2SE36-0AA0	54,150.00
	400	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL4740-1SE36-0AA0	49,065.00	3VL4740-2SE36-0AA0	54,150.00
VL630/3VL5	630	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 9 \times I_R$	3VL5763-1SE36-0AA0	106,250.00	3VL5763-2SE36-0AA0	120,280.00
VL800/3VL6	800	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 7 \times I_R$	3VL6780-1SE36-0AA0	130,200.00	3VL6780-2SE36-0AA0	141,775.00
VL1250/3VL7	1000	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL7710-1SE36-0AA0	174,850.00	3VL7710-2SE36-0AA0	169,465.00
	1250	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 10 \times I_R$	3VL7712-1SE36-0AA0	198,820.00	3VL7712-2SE36-0AA0	211,250.00
VL1600/3VL8	1600	$0.4 \dots 1.0 \times I_n$	$11 \times I_n$	$1.5 \dots 8 \times I_R$	3VL8716-1SE30-0AA0	267,450.00	3VL8716-2SE30-0AA0	283,965.00

Oct-17

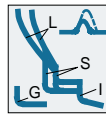
Molded Case Circuit Breakers

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

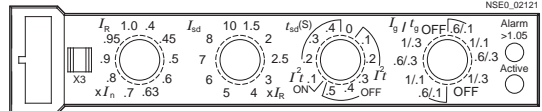
3-pole, fixed-mounted, for system protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIG

ETU22, LSIG function for 3-wire three-phase systems and time-based discrimination

With adjustable overcurrent releases, non-adjustable short-circuit releases, ground fault delay $t_g = 0.1 \dots 0.3$ s, short-circuit delay $t_{sd} = 0 \dots 0.5$ s, ground-fault protection (G) can be switched off



NSE0_00694



NSE0_02121

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent releases "L" IR	Operating current of the instantaneous short-circuit releases "I" li	S function short-circuit protection (short-time delayed) S	Ground-fault protection "G" Ig	Article No. Icu up to 55kA at 415V Standard breaking capacity N	Unit Price (THB)	Article No. Icu up to 70kA at 415V Standard breaking capacity H	Unit Price (THB)
VL160/3VL2	63	25...63	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL2706-1SG36-0AA0	30,145.00	3VL2706-2SG36-0AA0	33,400.00
	100	40...100	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL2710-1SG36-0AA0	30,145.00	3VL2710-2SG36-0AA0	33,400.00
	160	64...160	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL2716-1SG36-0AA0	50,175.00	3VL2716-2SG36-0AA0	52,530.00
VL250/3VL3	200	80...200	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL3720-1SG36-0AA0	49,600.00	3VL3720-2SG36-0AA0	54,200.00
	250	100...250	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL3725-1SG36-0AA0	49,600.00	3VL3725-2SG36-0AA0	54,200.00
VL400/3VL4	315	128...315	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL4731-1SG36-0AA0	59,465.00	3VL4731-2SG36-0AA0	61,865.00
	400	160...400	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL4740-1SG36-0AA0	59,465.00	3VL4740-2SG36-0AA0	61,865.00
VL630/3VL5	630	252...630	$10 \times I_n$	$1.5 \dots 9 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL5763-1SG36-0AA0	124,415.00	3VL5763-2SG36-0AA0	138,055.00
VL800/3VL6	800	320...800	$8 \times I_n$	$1.5 \dots 7 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL6780-1SG36-0AA0	151,280.00	3VL6780-2SG36-0AA0	161,200.00
VL1250/3VL7	1000	400...1000	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL7710-1SG36-0AA0	206,670.00	3VL7710-2SG36-0AA0	218,250.00
	1250	500...1600	$11 \times I_n$	$1.5 \dots 10 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL7712-1SG36-0AA0	238,910.00	3VL7712-2SG36-0AA0	252,960.00
VL1600/3VL8	1600	640...1600	$9 \times I_n$	$1.5 \dots 8 \times I_R$	$0.6 \dots 1 \times I_n$, OFF	3VL8716-1SG30-0AA0	332,400.00	3VL8716-2SG30-0AA0	338,520.00

Oct-17

Molded Case Circuit Breakers

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

Auxiliary switches and auxiliary releases			For VL160X to VL400 (3VL1 to 3VL4)	Unit Price (THB)	For VL630 to VL1600 (3VL5 to 3VL8)	Unit Price (THB)
			Article No.		Article No.	
	Auxiliary switches (HS) and alarm switch For retrofitting Assembly		Mounting side			
	2HS (1NO+1NC)	N,left,right	3VL9400-2AB00	3,585.00	---	-
	4HS(2NO+2NC)	N,left,right	---		3VL9800-2AC00	6,565.00
	2HS (1NO+1NC) +1AS(1NO) (assembly kit)	N,left,right Left	3VL9400-2AD00	4,780.00	3VL9800-2AE00	5,695.00
	Shunt releases		VAC	VDC	Mounting side	
	24	24	3VL9400-1SC00	7,190.00	3VL9800-1SC00	10,755.00
	-	48...60	3VL9400-1SJ00	7,190.00	3VL9800-1SJ00	10,755.00
	-	110...127	3VL9400-1SK00	7,190.00	3VL9800-1SK00	10,755.00
	-	220...250	3VL9400-1SQ00	7,190.00	3VL9800-1SQ00	10,755.00
	48...60	-	3VL9400-1SM00	7,190.00	3VL9800-1SM00	10,755.00
	110...127	-	3VL9400-1SR00	7,190.00	3VL9800-1SR00	10,755.00
	208...277	-	3VL9400-1ST00	7,190.00	3VL9800-1ST00	10,755.00
	380...600	-	3VL9400-1SV00	7,190.00	3VL9800-1SV00	10,755.00
		Undervoltage releases		V AC	V DC	Mounting side
---		12	3VL9400-1UN00	9,650.00	3VL9800-1UN00	11,895.00
---		24	3VL9400-1UP00	9,650.00	3VL9800-1UP00	11,895.00
---		48	3VL9400-1UU00	9,650.00	3VL9800-1UU00	11,895.00
---		60	3VL9400-1UV00	9,650.00	3VL9800-1UV00	11,895.00
24		---	3VL9400-1UD00	9,650.00	3VL9800-1UD00	11,895.00
110...127		---	3VL9400-1UG00	9,650.00	3VL9800-1UG00	11,895.00
---		100...127	3VL9400-1UR00	9,650.00	3VL9800-1UR00	11,895.00
208		---	3VL9400-1UM00	9,650.00	3VL9800-1UM00	11,895.00
220...250		---	3VL9400-1UH00	9,650.00	3VL9800-1UH00	11,895.00
---		220...250	3VL9400-1US00	9,650.00	3VL9800-1US00	11,895.00
277		---	3VL9400-1UQ00	9,650.00	3VL9800-1UQ00	11,895.00
380...415		---	3VL9400-1UJ00	9,650.00	3VL9800-1UJ00	11,895.00
440...480		---	3VL9400-1UK00	9,650.00	3VL9800-1UK00	11,895.00
500...525	---	3VL9400-1UL00	9,650.00	3VL9800-1UL00	11,895.00	
	Time-delay devices for undervoltage releases (220...250V DC)					
	Rated control supply voltage Us 220...250V AC Delay time >200ms		3TX4701-0AN1	9,350.00		
	Storage devices for shut releases (208...277 V AC / 220...250V DC)					
	Rated control supply voltage Us 220V...240V AC / 220V...250V DC Storage time 5 min		3WL9111-0BA14-0AA0	25,600.00		

OCT-2017

Molded Case Circuit Breakers

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

Manual Operating mechanisms

Descriptions		for MCCB Type	Article No.	Unit Price (THB)
 <p>3- or 4-pole Front-operated rotary operating mechanisms For direct mounting on the circuit breaker, without leading auxiliary switch, degree of protection IP30 Black, Mac. 3 padlocks</p>		For VL160X to VL250 (3VL1 to 3VL3)	3VL9300-3HA00	4,950.00
		For VL400 (3VL4)	3VL9400-3HA00	5,515.00
		For VL630 (3VL5) and VL800 (3VL6)	3VL9600-3HA00	8,050.00
		For VL1250 (3VL7) and VL1600 (3VL8)	3VL9800-3HA00	14,295.00
 <p>EMERGENCY-STOP version Red knob, yellow indicator plate Safety locks for installation by the customer</p>		For VL160X to VL250 (3VL1 to 3VL3)	3VL9300-3HC00	5,725.00
		For VL400 (3VL4)	3VL9400-3HC00	6,025.00
		For VL630 (3VL5) and VL800 (3VL6)	3VL9600-3HC00	9,150.00
		For VL1250 (3VL7) and VL1600 (3VL8)	3VL9800-3HC00	15,425.00
 <p>Door-coupling rotary operating mechanisms, complete 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, with door interlocking</p>		For VL160X to VL250 (3VL1 to 3VL3)	3VL9300-3HF05	7,010.00
		For VL400 (3VL4)	3VL9400-3HF05	11,405.00
		For VL630 (3VL5) and VL800 (3VL6)	3VL9600-3HF05	12,675.00
		For VL1250 (3VL7) and VL1600 (3VL8)	3VL9800-3HF05	17,815.00
 <p>EMERGENCY-STOP version Red knob, yellow indicator plate, Safety locks for installation by the customer,</p>		For VL160X to VL250 (3VL1 to 3VL3)	3VL9300-3HG05	7,750.00
		For VL400 (3VL4)	3VL9400-3HG05	12,250.00
		For VL630 (3VL5) and VL800 (3VL6)	3VL9600-3HG05	14,150.00
		For VL1250 (3VL7) and VL1600 (3VL8)	3VL9800-3HG05	19,360.00

OCT-2017

Molded Case Circuit Breakers

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

Motorized operating mechanisms



3VL9.00-3M.00

Motorized operating mechanism with stored energy mechanisms (SEO) for synchronization tasks, IP30, with locking device for 3 padlocks		For VL160X to VL250 (3VL1 to 3VL3)	Unit Price (THB)
50/60 Hz V AC	V DC	Article No.	
--	24	3VL9300-3MJ00	48,250.00
42 ... 48	42 ... 48	3VL9300-3ML00	48,250.00
60	60	3VL9300-3MS00	48,250.00
110 ... 127	110 ... 127	3VL9300-3MN00	48,250.00
220 ... 250	220 ... 250	3VL9300-3MQ00	48,250.00
		For VL400 (3VL4)	
		Article No.	
50/60 Hz V AC	V DC	3VL9400-3MJ00	72,515.00
--	24	3VL9400-3ML00	72,515.00
42 ... 48	42 ... 48	3VL9400-3MS00	72,515.00
60	60	3VL9400-3MN00	72,515.00
110 ... 127	110 ... 127	3VL9400-3MQ00	72,515.00
220 ... 250	220 ... 250		
		For VL630 and VL800 (3VL5 and 3VL6)	
		Article No.	
50/60 Hz V AC	V DC	3VL9600-3MJ00	100,675.00
--	24	3VL9600-3ML00	100,675.00
42 ... 48	42 ... 48	3VL9600-3MS00	100,675.00
60	60	3VL9600-3MN00	100,675.00
110 ... 127	110 ... 127	3VL9600-3MQ00	100,675.00
220 ... 250	220 ... 250		



3VL9.00-3M.10

Motorized operating mechanism (N0) Degree of protection IP30, with locking device for 3 padlocks		For VL160X (3VL1)	
50/60 Hz V AC	V DC	Article No.	
--	24	3VL9100-3MA10	29,055.00
42 ... 60	42 ... 60	3VL9100-3MC10	29,055.00
110 ... 127	110 ... 127	3VL9100-3MD10	29,055.00
220 ... 250	220 ... 250	3VL9100-3ME10	29,055.00
		For VL160 and VL250 (3VL2 and 3VL3)	
		Article No.	
50/60 Hz V AC	V DC	3VL9300-3MA10	31,040.00
--	24	3VL9300-3MC10	31,040.00
42 ... 60	42 ... 60	3VL9300-3MD10	31,040.00
110 ... 127	110 ... 127	3VL9300-3ME10	31,040.00
220 ... 250	220 ... 250		
		For VL400 (3VL4)	
		Article No.	
50/60 Hz V AC	V DC	3VL9400-3MA10	49,665.00
--	24	3VL9400-3MC10	49,665.00
42 ... 60	42 ... 60	3VL9400-3MD10	49,665.00
110 ... 127	110 ... 127	3VL9400-3ME10	49,665.00
220 ... 250	220 ... 250		
		For VL630 and VL800 (3VL5 and 3VL6)	
		Article No.	
50/60 Hz V AC	V DC	3VL9600-3MA10	62,020.00
--	24	3VL9600-3MC10	62,020.00
42 ... 60	42 ... 60	3VL9600-3MD10	62,020.00
110 ... 127	110 ... 127	3VL9600-3ME10	62,020.00
220 ... 250	220 ... 250		
		For VL1250 and VL1600 (3VL7 and 3VL8)	
		Article No.	
50/60 Hz V AC	V DC	3VL9800-3MJ00	136,960.00
--	24	3VL9800-3ML00	136,960.00
42 ... 48	42 ... 48	3VL9800-3MS00	136,960.00
60	60	3VL9800-3MN00	136,960.00
110 ... 127	110 ... 127	3VL9800-3MQ00	136,960.00
220 ... 250	220 ... 250		

Air Circuit Breakers

3WL Air Circuit Breakers up to 6300A (AC), IEC



Price List.. October 2017

Air Circuit Breakers

3WL Air Circuit Breakers up to 6300A (AC), IEC

3-pole, fixed-mounted versions



Electronic Trip Unit ETU45B

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Overload protection

Setting range $IR = I_n \times \dots$ 0.4-0.45-0.5-0.55-0.6-0.65-0.7-0.8-0.9-1

Setting range for time-lag class tR at I_{2t} : 2-3.5-5.5-8-10-14-17-21-25-30 s

Short-time delayed short-circuit protection

Setting range $I_{sd} = I_n \times \dots$ 1.25-1.5-2-2.5-3-4-6-8-10-12

Instantaneous short-circuit protection

Setting range $I_i = I_n \times \dots$ 1.5-2.2-3-4-6-8-10-12-0.8 x I_{cs}

Standard Auxiliary Contact: 2NO+2NC

Ground-fault protection Module can be retrofitted (Option with Neutral CT)

LCD Display (Option)

Under Voltage, Shunt Trip, Motor charge spring & Closing coil (Option)

Frame Size	Max. rated circuit breaker current I_n max.	Rated current I_n	Breaking capacity $I_{cu} = I_{cs}$	Article No.	Basic price per PU
	A	A	kA		
Icu 55/66 kA at 500V, ECO breaking capacity N					
Horizontal main circuit connection					
I	1000	1000	55	3WL1110-2EB32-1AA2	156,240
I	1250	1250	55	3WL1112-2EB32-1AA2	183,600
I	1600	1600	55	3WL1116-2EB32-1AA2	281,880
II	2000	2000	66	3WL1220-2EB32-1AA2	283,667
II	2500	2500	66	3WL1225-2EB32-1AA2	380,573
II	3200	3200	66	3WL1232-2EB32-1AA2	438,840
Vertical main circuit connection					
II	4000	4000	66	3WL1240-2EB31-1AA2	515,507
Icu 66/80 kA at 500 V standard breaking capacity S					
Horizontal main circuit connection					
I	1000	1000	66	3WL1110-3EB32-1AA2	178,200
I	1250	1250	66	3WL1112-3EB32-1AA2	206,280
I	1600	1600	66	3WL1116-3EB32-1AA2	301,320
II	2000	2000	80	3WL1220-3EB32-1AA2	311,573
II	2500	2500	80	3WL1225-3EB32-1AA2	414,307
II	3200	3200	80	3WL1232-3EB32-1AA2	454,173
Vertical main circuit connection					
II	4000	4000	80	3WL1240-3EB31-1AA2	561,507
Icu 85/100 kA at 500 V, high breaking capacity H					
Horizontal main circuit connection					
I	1000	1000	85	3WL1110-4EB32-1AA2	186,120
I	1250	1250	85	3WL1112-4EB32-1AA2	186,120
I	1600	1600	85	3WL1116-4EB32-1AA2	317,880
II	2000	2000	100	3WL1220-4EB32-1AA2	323,840
II	2500	2500	100	3WL1225-4EB32-1AA2	432,707
II	3200	3200	100	3WL1232-4EB32-1AA2	497,107
Vertical main circuit connection					
II	4000	4000	100	3WL1240-4EB31-1AA2	607,507
III	5000	5000	100	3WL1350-4EB31-1AA2	714,840
III	6300	6300	100	3WL1363-4EB31-1AA2	1,447,773



Air Circuit Breakers

3WL Air Circuit Breakers up to 6300A (AC), IEC



Electronic Trip Unit ETU45B

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Overload protection

Setting range $IR = I_n \times \dots$ 0.4-0.45-0.5-0.55-0.6-0.65-0.7-0.8-0.9-1

Setting range for time-lag class tR at I_{2t} : 2-3-5-5.5-8-10-14-17-21-25-30 s

Short-time delayed short-circuit protection

Setting range $I_{sd} = I_n \times \dots$ 1.25-1.5-2-2.5-3-4-6-8-10-12

Instantaneous short-circuit protection

Setting range $I_i = I_n \times \dots$ 1.5-2-2.3-4-6-8-10-12-0.8 x I_{cs}

Standard Auxiliary Contact: 2NO+2NC

Ground-fault protection Module can be retrofitted (Option with Neutral CT)

LCD Display (Option)

Under Voltage, Shunt Trip, Motor charge spring & Closing coil (Option)


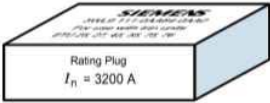



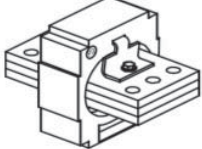
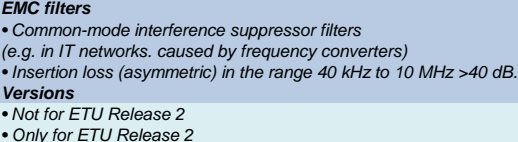
3-poles, withdrawable versions



Frame Size	Max. rated circuit breaker current I_n max.	Rated current I_n	Breaking capacity $I_{cu}=I_{cs}$	Article No.	Basic price per PU
A		A		kA	
With guide frames, horizontal main circuit connection				I_{cu} 55/66 kA at 500 V, ECO breaking capacity N	
I	1000	1000	55	3WL1110-2EB36-1AA2	208,800
I	1250	1250	55	3WL1112-2EB36-1AA2	227,880
I	1600	1600	55	3WL1116-2EB36-1AA2	351,360
II	2000	2000	66	3WL1220-2EB36-1AA2	360,333
II	2500	2500	66	3WL1225-2EB36-1AA2	460,307
II	3200	3200	66	3WL1232-2EB36-1AA2	555,373
A		A		kA	
With guide frames, horizontal main circuit connection				I_{cu} 85/100 kA at 500 V, high breaking capacity H	
I	1000	1000	85	3WL1110-4EB36-1AA2	243,720
I	1250	1250	85	3WL1112-4EB36-1AA2	268,920
I	1600	1600	85	3WL1116-4EB36-1AA2	389,160
II	2000	2000	100	3WL1220-4EB36-1AA2	398,973
II	2500	2500	100	3WL1225-4EB36-1AA2	509,373
II	3200	3200	100	3WL1232-4EB36-1AA2	601,373
III	4000	4000	100	3WL1340-4EB36-1AA2	883,507
III	5000	5000	100	3WL1350-4EB36-1AA2	1,318,973

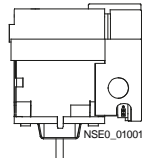
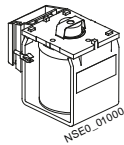
Air Circuit Breakers

3WL Air Circuit Breakers up to 6300A (AC), IEC

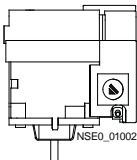
	Designation	Article No. www.siemens.com/ product?Article No.	Price per PU	
 <p>3WL9311-AA-0-0AA1</p>	Protective devices with device holder and optional measurement function1)			
	Type	With protection function	Measuring function	
	ETU15B	LI	None	3WL9311-5AA00-0AA2 38,507
	ETU25B	LSI	None	3WL9312-5AA00-0AA2 42,307
	ETU27B	LSING	None	3WL9312-7AA00-0AA2 63,333
	ETU45B (without display)	LSIN(G)	None With measurement function Plus	3WL9314-5AA00-0AA2 51,680 3WL9314-5AA20-0AA2 90,440
	ETU76B	LSIN(G)	None With measurement function Plus	3WL9317-6AA00-0AA2 109,693 3WL9317-6AA20-0AA2 138,827
 <p>3WL9111-OAA64-0AA0</p>	Rating plugs2)			
	Size	Rated current In (A)		
	I, II	250	3WL9111-0AA51-0AA0	7,549
		315	3WL9111-0AA52-0AA0	7,549
		400	3WL9111-0AA53-0AA0	7,549
		500	3WL9111-0AA54-0AA0	7,549
		630	3WL9111-0AA55-0AA0	7,549
		800	3WL9111-0AA56-0AA0	7,549
	I, II, III	1000	3WL9111-0AA57-0AA0	7,549
		1250	3WL9111-0AA58-0AA0	7,549
		1600	3WL9111-0AA61-0AA0	7,549
	II, III	2000	3WL9111-0AA62-0AA0	7,549
		2500	3WL9111-0AA63-0AA0	7,549
3200		3WL9111-0AA64-0AA0	7,549	
III	4000	3WL9111-0AA65-0AA0	7,549	
	5000	3WL9111-0AA66-0AA0	7,549	
	6300	3WL9111-0AA67-0AA0	7,549	
 <p>3WL9111-OAT53-0AA0</p>	Ground-fault modules3)			
	Versions <ul style="list-style-type: none"> • GFM AT 45B (only for ETU45B) alarm and tripping • GFM AT 55B-76B (only for ETU76B) alarm and tripping 	3WL9111-OAT53-0AA0 26,093 3WL9111-OAT56-0AA0 26,093		
 <p>3WL9111-OAT81-0AA0</p>	Displays			
	<ul style="list-style-type: none"> • For ETU45B • 4-line 	3WL9111-OAT81-0AA0	8,107	
 <p>3WL9111-OAA2-0AA0</p>	Internal current transformers for N conductor			
	Including wiring kit			
	ETU Release 2	Size		
	--	I	3WL9111-0AA11-0AA0 4,028	
		II	3WL9111-0AA12-0AA0 4,915	
		III	3WL9111-0AA13-0AA0 7,347	
	✓	I	3WL9111-0AA14-0AA0 4,028	
	II	3WL9111-0AA15-0AA0 4,915		
	III	3WL9111-0AA16-0AA0 7,347		
 <p>3WL9111-OAA3-0AA0</p>	External current transformers for N conductor			
	For T5. "Measurement Method" function. see Technical Information at www.siemens.com/lowvoltage/product-support .			
	Copper connection pieces	Size		
	--	I	3WL9111-0AA21-0AA0 12,236	
		II	3WL9111-0AA22-0AA0 14,187	
		III	3WL9111-0AA23-0AA0 18,215	
	✓	I	3WL9111-0AA31-0AA0 14,769	
	II	3WL9111-0AA32-0AA0 18,620		
	III	3WL9111-0AA33-0AA0 23,737		
	EMC filters			
	<ul style="list-style-type: none"> • Common-mode interference suppressor filters (e.g. in IT networks, caused by frequency converters) • Insertion loss (asymmetric) in the range 40 kHz to 10 MHz >40 dB. 			
	Versions			
	<ul style="list-style-type: none"> • Not for ETU Release 2 • Only for ETU Release 2 	3WL9111-OAK32-0AA0 28,880 3WL9111-OAK34-0AA0 28,880		

Air Circuit Breakers

3WL Air Circuit Breakers up to 6300A (AC), IEC



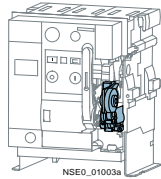
3WL9111-0AE0-0AA0



3WL9111-0AE1-0AA0

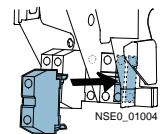
Auxiliary releases		Article No.	
Closing coils/shunt releases		product?Article No.	
Versions	Voltage		
100 % Operation	24 V DC	3WL9111-0AD01-0AA0	7,448
	30V DC	3WL9111-0AD02-0AA0	7,828
	48V DC	3WL9111-0AD03-0AA0	7,828
	60V DC	3WL9111-0AD04-0AA0	7,828
	110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AD05-0AA0	7,448
	220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AD06-0AA0	7,448
5 % Operation	24 V DC	3WL9111-0AD11-0AA0	7,904
	48V DC	3WL9111-0AD12-0AA0	8,385
	110... 125 V DC/110 ... 127 V AC	3WL9111-0AD13-0AA0	7,904
	220... 250 V DC/208 ... 240 V AC	3WL9111-0AD14-0AA0	7,904
Undervoltage releases			
Versions		Voltage	
Instantaneous	24 V DC	3WL9111-0AE01-0AA0	8,816
	30V DC	3WL9111-0AE02-0AA0	9,703
	48V DC	3WL9111-0AE03-0AA0	9,703
	60V DC	3WL9111-0AE07-0AA0	9,703
	110... 125 V DC/110 ... 127 V AC	3WL9111-0AE04-0AA0	8,816
	220... 250 V DC/208 ... 240 V AC	3WL9111-0AE05-0AA0	8,816
Versions			
Delayed	48 V DC	3WL9111-0AE11-0AA0	23,661
	110... 125 V DC/110 ... 127 V AC	3WL9111-0AE12-0AA0	21,331
	220... 250 V DC/208 ... 240 V AC	3WL9111-0AE13-0AA0	21,331

Operating mechanisms



Motorized operating mechanisms ²⁾		Article No.	
Versions	Voltage		
24 ... 30 V DC		3WL9111-0AF01-0AA0	34,200
48 ... 60 V DC		3WL9111-0AF02-0AA0	34,200
110 ... 125 V DC/110 ... 127 V AC		3WL9111-0AF03-0AA0	34,200
220 ... 250 V DC/208 ... 240 V AC		3WL9111-0AF04-0AA0	34,200

Auxiliary contacts



Auxiliary switch blocks		Article No.	
Versions			
• 2 NO contacts + 2 NC contacts		3WL9111-0AG01-0AA0	7,625
• 2 NO contacts		3WL9111-0AG02-0AA0	3,851
• 1 NO contact + 1 NC contact		3WL9111-0AG03-0AA0	3,851

1) Overexcited, i.e. operating time 50 ms (standard > 80 ms).
 2) X5 auxiliary supply connector required for circuit breakers or guide frames.
 If this is not already available, please order additionally
 (see page 1/101 and page 1/109).

3WT Air Circuit Breakers up to 4000 A

Price List OCT-2017



SENTRON

Answers for infrastructure.



SIVACON
Technology
Partner

SIEMENS

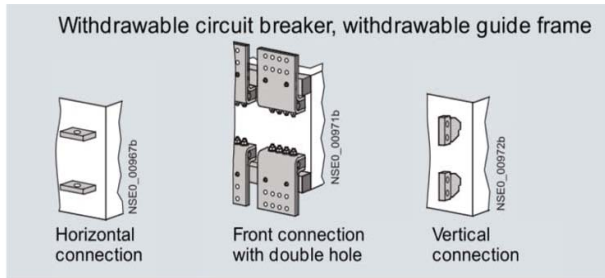
3WT Air Circuit Breakers up to 4000 A



SIVACON
Technology
Partner



WITHDRAWABLE CIRCUIT BREAKERS.



■ Selection and ordering data – quick selection

Size	Rated current In	Short-circuit breaking capacity Icu /500 V	Short-time withstand current, Icw /500 V 1s	3-pole		4-pole	
				Order No.	Basic price	Order No.	Basic price
A	kA	kA	kA				
Protection ETU35WT, LSI horizontal main circuit connection (ecoline)							
I	800	55	50	3WT80 80-5UA34-5AB2	220,400.00	3WT80 84-5UA34-5AB2	287,100.00
I	1000	55	50	3WT81 00-5UA34-5AB2	235,850.00	3WT81 04-5UA34-5AB2	306,300.00
I	1250	55	50	3WT81 20-5UA34-5AB2	256,100.00	3WT81 24-5UA34-5AB2	334,050.00
Protection ETU35WT, LSI horizontal main circuit connection							
I	800	66	50	3WT80 81-5UA34-5AB2	231,000.00	3WT80 85-5UA34-5AB2	314,850.00
I	1000	66	50	3WT81 01-5UA34-5AB2	247,600.00	3WT81 05-5UA34-5AB2	336,170.00
I	1250	66	50	3WT81 21-5UA34-5AB2	268,900.00	3WT81 25-5UA34-5AB2	366,050.00
I	1600	66	50	3WT81 61-5UA34-5AB2	274,300.00	3WT81 65-5UA34-5AB2	373,000.00
II	2000	66	66	3WT82 02-5UA34-5AB2	346,200.00	3WT82 06-5UA34-5AB2	449,300.00
II	2500	66	66	3WT82 52-5UA34-5AB2	429,400.00	3WT82 56-5UA34-5AB2	557,555.00
II	3200	66	66	3WT83 22-5UA34-5AB2	519,000.00	3WT83 26-5UA34-5AB2	674,355.00
Protection ETU35WT, LSI vertical main circuit connection							
II	3800	66	66	3WT84 02-5UA36-5AB2	557,555.00	3WT84 06-5UA36-5AB2	802,350.00
Protection ETU37WT, LSING horizontal main circuit connection (ecoline)							
I	800	55	50	3WT80 80-6UA34-5AB2	241,000.00	3WT80 84-6UA34-5AB2	307,750.00
I	1000	55	50	3WT81 00-6UA34-5AB2	256,500.00	3WT81 04-6UA34-5AB2	327,000.00
I	1250	55	50	3WT81 20-6UA34-5AB2	276,750.00	3WT81 24-6UA34-5AB2	354,700.00
Protection ETU37WT,LSING horizontal main circuit connection							
I	800	66	50	3WT80 81-6UA34-5AB2	251,700.00	3WT80 85-6UA34-5AB2	335,500.00
I	1000	66	50	3WT81 01-6UA34-5AB2	268,200.00	3WT81 05-6UA34-5AB2	356,800.00
I	1250	66	50	3WT81 21-6UA34-5AB2	289,550.00	3WT81 25-6UA34-5AB2	386,700.00
I	1600	66	50	3WT81 61-6UA34-5AB2	294,900.00	3WT81 65-6UA34-5AB2	393,600.00
II	2000	66	66	3WT82 02-6UA34-5AB2	366,850.00	3WT82 06-6UA34-5AB2	469,950.00
II	2500	66	66	3WT82 52-6UA34-5AB2	450,050.00	3WT82 56-6UA34-5AB2	578,200.00
II	3200	66	66	3WT83 22-6UA34-5AB2	539,650.00	3WT83 26-6UA34-5AB2	695,000.00
Protection ETU35WT, LSI vertical main circuit connection							
II	3800	66	66	3WT84 02-6UA36-5AB2	645,800.00	3WT84 06-6UA36-5AB2	823,000.00

Electronic trip unit (ETU)

ETU35WT: protection functions LSI with LCD display
ETU37WT: protection functions LSING with LCD display

Accessories included

Motor operated mechanism,
with mechanical and electrical closing,
motor and closing solenoid

220-240 V AC 50/60 Hz,
220-250 V DC.

Shunt release "F"
220-240 V AC 50/60 Hz,
220-250 V DC

with door sealing frame IP40, sealing cap over OFF button,
and shutter
without 2nd auxiliary release,
with auxiliary switch 2 NO + 2 NC,
with shutter

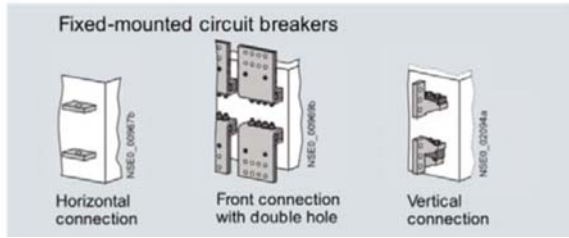
1) Icw/500 V 0.5 s for ecoline.

2) Current transformer for overload protection in the neutral conductor and
for ground-fault protection must be ordered separately, see accessories.

3WT Air Circuit Breakers up to 4000 A



FIXED-MOUNTED CIRCUIT BREAKERS



■ Selection and ordering data – quick selection

Size	Rated current In	Short-circuit breaking capacity Icu /500 V	Short-time withstand current, Icw /500 V 1s	3-pole		4-pole	
				Order No.	Basic price (THB)	Order No.	Basic price (THB)
A	kA	kA	kA				
Protection ETU35WT, LSI							
horizontal main circuit connection (ecoline)							
I	800	55	50	3WT80 80-5UA30-0AA2	181,600.00	3WT80 84-5UA30-0AA2	235,500.00
I	1000	55	50	3WT81 00-5UA30-0AA2	201,350.00	3WT81 04-5UA30-0AA2	263,200.00
I	1250	55	50	3WT81 20-5UA30-0AA2	215,750.00	3WT81 24-5UA30-0AA2	276,000.00
Protection ETU35WT, LSI							
horizontal main circuit connection							
I	800	66	66	3WT80 81-5UA30-0AA2	189,600.00	3WT80 85-5UA30-0AA2	247,750.00
I	1000	66	66	3WT81 01-5UA30-0AA2	211,000.00	3WT81 05-5UA30-0AA2	275,500.00
I	1250	66	66	3WT81 21-5UA30-0AA2	226,450.00	3WT81 25-5UA30-0AA2	287,200.00
I	1600	66	66	3WT81 61-5UA30-0AA2	235,000.00	3WT81 65-5UA30-0AA2	305,900.00
II	2000	66	66	3WT82 02-5UA30-0AA2	313,350.00	3WT82 06-5UA30-0AA2	408,300.00
II	2500	66	66	3WT82 52-5UA30-0AA2	385,900.00	3WT82 56-5UA30-0AA2	500,000.00
II	3200	66	66	3WT83 22-5UA30-0AA2	471,210.00	3WT83 26-5UA30-0AA2	614,700.00
Protection ETU35WT, LSI							
vertical main circuit connection							
II	4000	66	66	3WT84 02-5UA32-0AA2	614,700.00	3WT84 06-5UA32-0AA2	710,700.00
Protection ETU37WT, LSING							
horizontal main circuit connection (ecoline)							
I	800	55	50	3WT80 80-6UA30-0AA2	202,250.00	3WT80 84-6UA30-0AA2	256,115.00
I	1000	55	50	3WT81 00-6UA30-0AA2	221,985.00	3WT81 04-6UA30-0AA2	283,850.00
I	1250	55	50	3WT81 20-6UA30-0AA2	236,385.00	3WT81 24-6UA30-0AA2	296,650.00
Protection ETU37WT, LSING							
horizontal main circuit connection							
I	800	66	66	3WT80 81-6UA30-0AA2	210,250.00	3WT80 85-6UA30-0AA2	268,385.00
I	1000	66	66	3WT81 01-6UA30-0AA2	231,590.00	3WT81 05-6UA30-0AA2	296,115.00
I	1250	66	66	3WT81 21-6UA30-0AA2	247,050.00	3WT81 25-6UA30-0AA2	307,850.00
I	1600	66	66	3WT81 61-6UA30-0AA2	255,585.00	3WT81 65-6UA30-0AA2	326,515.00
II	2000	66	66	3WT82 02-6UA30-0AA2	333,985.00	3WT82 06-6UA30-0AA2	428,915.00
II	2500	66	66	3WT82 52-6UA30-0AA2	406,515.00	3WT82 56-6UA30-0AA2	520,650.00
II	3200	66	66	3WT83 22-6UA30-0AA2	491,850.00	3WT83 26-6UA30-0AA2	635,315.00
Protection ETU37WT, LSING							
ETU37WT, vertical main circuit connection							
II	4000	66	66	3WT84 02-6UA32-0AA2	571,315.00	3WT84 06-6UA32-0AA2	731,315.00

Electronic trip unit (ETU)

ETU35WT: protection functions LSI with LCD display

ETU37WT: protection functions LSING2) with LCD display

Accessories included

Motor operated mechanism,
with mechanical and electrical closing,

motor and closing solenoid

220-240 V AC 50/60 Hz,

220-250 V DC,

Shunt release "F"

220-240 V AC 50/60 Hz,

220-250 V DC

with door sealing frame IP40,
without 2nd auxiliary release,
with auxiliary switch 2 NO + 2 NC

1) Icw/500 V 0.5 s for ecoline.

2) Current transformer for overload protection in the neutral conductor and for ground-fault protection must be ordered separately, see accessories.

3WT Air Circuit Breakers up to 4000 A



Accessories/spare parts

■ Selection and ordering data

Size	Rated current In	3-pole Order No.	Unit Price (THB)	4-pole Order No.	Unit Price (THB)
A					
Guide frame for withdrawable version, horizontal main circuit connection, 2 auxiliary supply connectors					
I	400 ... 1250	3WT98 83-2AC10	31,800.00	3WT98 83-2AC30	45,870.00
I	1600	3WT98 83-4AC10	34,400.00	3WT98 83-4AC30	57,600.00
II	2000 ... 2500	3WT98 83-6AC10	35,415.00	3WT98 83-6AC30	57,600.00
II	3200	3WT98 83-7AC10	38,950.00	3WT98 83-7AC30	57,600.00
Guide frame for withdrawable version, horizontal main circuit connection at top, vertical connection at bottom, 2 auxiliary supply connectors					
I	400 ... 1250	3WT98 83-2BC10	39,360.00	3WT98 83-2BC30	10,000.00
I	1600	3WT98 83-4BC10	41,975.00	3WT98 83-4BC30	12,100.00
II	2000 ... 2500	3WT98 83-6BC10	42,985.00	3WT98 83-6BC30	12,100.00
II	3200	3WT98 83-7BC10	46,300.00	3WT98 83-7BC30	13,200.00
Guide frame for withdrawable version, vertical main circuit connection at top and bottom, 2 auxiliary supply connectors					
I	400 ... 1250	3WT98 83-2BC20	48,160.00	3WT98 83-2BC40	62,400.00
I	1600	3WT98 83-4BC20	49,280.00	3WT98 83-4BC40	73,600.00
II	2000 ... 2500	3WT98 83-6BC20	50,345.00	3WT98 83-6BC40	73,600.00
II	3200	3WT98 83-7BC20	53,865.00	3WT98 83-7BC40	80,000.00
II	3800	3WT98 83-8BC20	63,465.00	3WT98 83-8BC40	94,935.00



For fixed-mounted and withdrawable circuit breakers

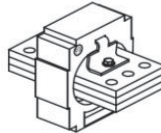
Current transformers for neutral conductor overload protection and ground-fault protection

Only one of the two measuring methods is permissible in conjunction with the electronic trip unit. The overload protection for the neutral conductor takes effect when the current transformer is fitted in the neutral conductor. The ground-fault current is calculated by means of summation current formation of the phases and the neutral conductor.

Type of detection Designation	Electronic trip unit version	Frame size of the circuit breaker	For 1 set or 1 unit Order No.	Unit Price (THB)
-------------------------------	------------------------------	-----------------------------------	-------------------------------	------------------



Current Transformer without copper bar



Current Transformer with copper bar

Vectorial summation with current transformer in the neutral conductor
Current transformers for 3- and 4-pole circuit breakers, internal neutral conductor
Current transformers for 3- and 4-pole circuit breakers, external neutral conductor with copper busbars
Current transformers for 3- and 4-pole circuit breakers, external neutral conductor without copper busbars

ETU37WT,
ETU47WT

I	3WT98 43-1RE00	34,190.00
II	3WT98 43-2RE00	42,935.00
I	3WL9 111-0AA31-0AA0	3,215.00
II	3WL9 111-0AA32-0AA0	4,060.00
I	3WL9 111-0AA21-0AA0	2,665.00
II	3WL9 111-0AA22-0AA0	3,095.00

Designation	Rated control supply voltage rated operational voltage	For 1 set or 1 unit Order No.	Unit Price (THB)
Manual function tester for electronic trip unit for versions ETU35WT ... ETU47WT	AC 50/60 Hz 110 ... 127/220 ... 240 V	3WL9 111-0AT32-0AA0	10,455.00



Door sealing frame IP40

ACCESSORY F. 3WT8 CIRC.-BREAKER DOOR SEALING FRAME FOR CUBICLE DOOR

3WT98 86-0JA00 3,165.00



Protective covers, IP55

Cannot be used in conjunction with door sealing frames, cover removable and can be opened on both sides
ACCESSORIES CIRCUIT BREAKER 3WL PERSPEX COVER IP55, TRANSP. FOR MOUNT. ON CONTR.CAB. DOOR

3WL9 111-0AP02-0AA0 2,780.00

3WT Air Circuit Breakers up to 4000 A



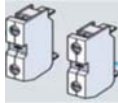
Accessories/spare parts

00035

Designation	For 1 set or 1 unit Order No.	Unit Price (THB)
-------------	----------------------------------	---------------------

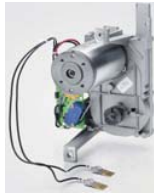
For fixed-mounted and withdrawable circuit breakers

5-digit operating cycles counter	3WT98 64-OCA00	18,830.00
---	----------------	-----------



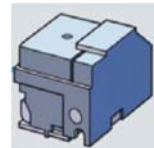
Auxiliary release	Rated control supply voltage		Order No.	Unit Price (THB)
	AC 50/60 Hz V	DC V		
Shunt release "f" for 1st and 2nd auxiliary release (F1 and F2) and closing solenoid (Y1)	--	24	3WT98 51-1JB00	6,185.00
	110 ... 127	110 ... 125	3WT98 51-1JH00	6,185.00
	220 ... 240	220 ... 250	3WT98 51-1JK00	6,185.00
Undervoltage release "r" (F3) instantaneous 0 ms, short-delay 200 ms	--	24	3WT98 53-1JB00	6,185.00
	220 ... 240	220 ... 250	3WT98 53-1JK00	6,185.00
	380	... 415	3WT98 53-1JM00	6,185.00
Undervoltage release "rc" (F8) can be delayed 0.2 ... 3.2 s	220 ... 240	--	3WT98 54-1JK00	16,215.00
	380 ... 415	--	3WT98 54-1JM00	16,215.00
Auxiliary switches 2 CO			3WT98 16-1CE00	6,185.00

Motorized operating mechanism and electrical closing (possible if 9th position of Order No. for circuit breaker is "A")



Rated control supply voltage Motor		Rated control supply voltage Closing solenoid		Order No.	Unit Price (THB)
AC 50/60 Hz V	DC V	AC 50/60 Hz V	DC V		
110 ... 127	110 ... 125	110 ... 127	110 ... 125	3WT9831-1JH00	33,390.00
220 ... 240	220 ... 250	220 ... 240	220 ... 250	3WT98 31-1JK00	33,390.00

Motorized operating mechanism (consisting of motor and wiring; rated control supply voltage of motor)



AC 50/60 Hz V	DC V	Order No.	Unit Price (THB)
--	24	3WT98 32-1JB00	27,040.00
110 ... 127	110 ... 125	3WT98 32-1JH00	27,040.00
220 ... 240	220 ... 250	3WT98 32-1JK00	27,040.00

Electrical closing (possible if 9th position of Order No. for circuit breaker is "A")



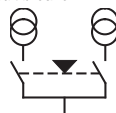
AC 50/60 Hz V	DC V	Order No.	Unit Price (THB)
--	24	3WT98 33-1JB00	6,190.00
110 ... 127	110 ... 125	3WT98 33-1JH00	6,190.00
220 ... 240	220 ... 250	3WT98 33-1JK00	6,190.00

Mutual mechanical interlock for 3WT circuit breaker (An interlock module with a Bowden wire (2 m) for one fixed-mounted circuit breaker for one withdrawable circuit breaker)



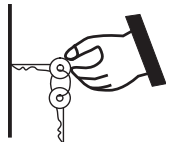
for one fixed-mounted circuit breaker	3WT98 66-3JA00	24,320.00
for one withdrawable circuit breaker	3WT98 66-4JA00	24,320.00

Interlocking of three circuit breakers (additional Bowden wire required for each circuit breaker)



Bowden wire (2 m)	3WT98 66-8JA00	5,865.00
Bowden wire (3 m)	3WT98 66-8JA01	7,575.00
Bowden wire (4.5 m)	3WT98 66-8JA02	10,455.00

Locking device (3SB1) (Safety lock instead of the OFF button) (Made by CES Normal lock no. SSG 10)



3WT98 63-1JA00	
3WT98 63-6JE00	24,905.00

Mounting set1) for CASTELL or FORTRESS lock2) Interlock to be obtained from the lock manufacturer CASTELL lock (FS 2) or FORTRESS lock (H31LH/65*/standard)


1) The 3WT98 63-6JE locking system meets the isolation conditions to IEC 60947-1 and IEC 60947-1/A1.

2) Locks are available at the manufacturer of the locks. Siemens LV 35 - 2009

3WT Air Circuit Breakers up to 4000 A



Accessories/spare parts

Designation/ for circuit breaker Type	Rated current In	Size	Number of poles	For 1 set or 1 unit Order No.	Price approx.
For fixed-mounted and withdrawable circuit breakers					
 Crank handle For withdrawable circuit breaker				3WT98 84-0JA00	11,255.00
Electronic trip unit					
ETU35WT, LSI with display				3WT98 41-4AA00	15,625.00
ETU37WT, LSING with display				3WT98 41-5AB00	36,265.00
ETU45WT, LSIN with display				3WT98 41-6AC00	28,425.00
ETU47WT, LSING with display				3WT98 41-7AD00	41,545.00
For fixed-mounted circuit breakers					
Connecting bars for vertical connection					
up to 1250 A	I		3-pole and 4-pole	3WT98 21-7AC00	3,900.00
1600 A	I		3-pole and 4-pole	3WT98 21-7BC00	4,345.00
2000A and 2500A	II		3-pole	3WT98 21-7DA00	18,825.00
2000A and 2500A	II		4-pole	3WT98 21-7DB00	25,600.00
3200 A	II		3-pole	3WT98 21-7FA00	29,440.00
3200 A	II		4-pole	3WT98 21-7FB00	39,200.00
Connecting bars for front-accessible connection					
up to 1250 A	I		3- and 4-pole	3WT98 21-1AA01	2,335.00
1600 A	I		3- and 4-pole	3WT98 21-1BA01	2,335.00
2000 A and 2500 A	II		3- and 4-pole	3WT98 21-1DA01	3,400.00
3200 A	II		3- and 4-pole	3WT98 21-1FA01	4,525.00
Vertical double-hole bar (holes to DIN 43673)					
Auxiliary supply connectors					
				3WT98 25-1JC00	1,520.00
Blocking device					
to prevent opening of the cabinet door with the fixed-mounted circuit breaker closed				3WT98 67-2JA00	11,255.00
Conversion set from fixed-mounted to withdrawable version = single operating mechanism					
up to 1600 A	I		3-pole	3WT98 88-0GA00	18,825.00
up to 1600 A	I		4-pole	3WT98 88-0HA00	23,360.00
up to 3200 A	II		3-pole	3WT98 88-0KA00	20,375.00
up to 3200 A	II		4-pole	3WT98 88-0LA00	26,455.00
For guide frames					
Connecting bar for additional terminal accessible from the front					
up to 1250 A	I		3- and 4-pole	3WT98 23-1AA01	2,335.00
1600 A	I		3- and 4-pole	3WT98 23-1BA01	2,335.00
2000 A and 2500 A	II		3- and 4-pole	3WT98 23-1DA01	3,400.00
3200 A	II		3- and 4-pole	3WT98 23-1EA01	4,525.00
Vertical double-hole bar (holes to DIN 43673)					
Connecting bar for rear vertical connection					
up to 1250 A	I		3- and 4-pole	3WT98 23-3AA00	6,400.00
1600 A	I		3- and 4-pole	3WT98 23-3BA00	1,240.00
2000 A and 2500 A	A and 2500 A	II	3-pole	3WT98 23-4AB00	15,840.00
3200 A	II		4-pole	3WT98 23-4AC00	21,015.00
3200 A	II		3-pole	3WT98 23-4BB00	19,680.00
3200 A	II		4-pole	3WT98 23-4BC00	26,455.00
Position indicator switch (actuated by withdrawable circuit breaker)					
	Connected position	Test position	Disconnected position		
	3 NO + 3 NC	2 NO + 2 NC	1 NO +possible if no 1 NC	3WT98 84-1JC10	17,385.00

7KM PAC expansion modules



Expansion modules are used as communication interfaces and for expanding the digital inputs/outputs for 7KM PAC measuring devices. The expansion modules are plugged in at the back of the measuring device. The device identifies the module automatically and presents the relevant parameters for this module for selection in the parameterization menu.

The following expansion modules are available (shown from left to right in the figure on the left):

- 7KM PAC Switched Ethernet PROFINET expansion module
- 7KM PAC PROFIBUS DP expansion module
- 7KM PAC RS485 expansion module
- 7KM PAC 4DI/2DO expansion module

	Version	Article No.	Unit Price (THB)
	<p>7KM PAC Switched Ethernet PROFINET expansion module</p> <p>Expansion module for 7KM PAC3200 and 7KM PAC4200 (PROFenergy)</p>	7KM9300-0AE01-0AA0	16,050.00
	<p>7KM PAC PROFIBUS DP expansion module</p> <p>Expansion module for 7KM PAC3200 and 7KM PAC4200 (PROFIBUS DPV1)</p>	7KM9300-0AB01-0AA0	8,640.00
	<p>7KM PAC RS485 expansion module</p> <p>Expansion module for 7KM PAC3200 and 7KM PAC4200 (Modbus RTU)</p>	7KM9300-0AM00-0AA0	5,850.00
	<p>7KM PAC 4DI/2DO expansion module</p> <p>Expansion module for 7KM PAC4200</p>	7KM9200-0AB00-0AA0	7,850.00

SIEMENS

Ingenuity for life



ซีเมนส์ แคตตาล็อก

เซอร์กิตเบรกเกอร์รุ่น 3VM / 3VA

Catalog
Thailand
version

Edition
2017

siemens.com/3VA

29/10/2017

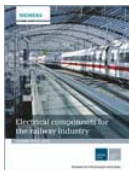
48 of 90

Related catalogs

Low-Voltage Power Distribution and Electrical Installation Technology LV 10
 SENTRON • SIVACON • ALPHA
 Protection, Switching, Measuring and Monitoring Devices, Switchboards and Distribution Systems
 PDF (E86060-K8280-A101-A4-7600)
 PDF/print (E86060-K8280-A101-A3-7600)



Electrical Components for the Railway Industry LV 12
 SENTRON • ALPHA • DELTA
 PDF/print (E86060-K1812-A101-A1-7600)



Power monitoring made simple LV 14
 SENTRON
 PDF/print (E86060-K1814-A101-A3-7600)



SIVACON LV 50
 System Cubicles, System Lighting and System Air-Conditioning
 PDF (E86060-K1920-A101-A8-7600)



Industry Mall / TIA ST / CA 01

Industry Mall
 Information and Ordering Platform ☒ on the Internet:

www.siemens.com/industrymall



Siemens TIA Selection Tool
 for the selection, configuration and ordering of TIA products and devices

www.siemens.com/tst



Products for Automation and Drives CA 01
 Interactive Catalog ☒
 DVD

E86060-D4001-A510-D7-7600



Trademarks

All product designations may be registered trademarks or product names of Siemens AG or other supplying companies. Third parties using these trademarks or product names for their own purposes may infringe upon the rights of the trademark owners. Further information about low-voltage power distribution and electrical installation technology is available on the Internet at:

www.siemens.com/lowvoltage

Contents

Air circuit breakers • MCCBs • MCBs • Residual current protective devices / AFDDs • Fuse systems • Overvoltage protection devices • Switch disconnectors • Switching devices • Transformers, power supply units and socket outlets • Busbar systems • Measuring devices and power monitoring • Monitoring devices • Software • Switchboards • Busbar trunking systems • System cubicles, system lighting and system air-conditioning • Distribution boards / Power distribution boards • Molded-plastic distribution systems • 8WH2 spring-loaded terminals

Miniature circuit breakers • Residual current protective devices • Fuse systems • Switch disconnectors • Switching devices • ALPHA FIX terminal blocks • DELTA profil • Medium-Voltage components

Measuring devices • Software

System overview • Frame • Enclosure • Expansion • Preconfigured cubicles • Special cubicles • SIVACON 8MF/8MR system lighting • SIVACON 8MR system air-conditioning

Catalog PDF / Response E-mail

Catalog PDF
 Digital versions of the catalogs are available in the Information and Download Center.

www.siemens.com/lowvoltage/infomaterial



Response E-mail
 Please send your comments and suggestions for improvement to

catalogs.industry@siemens.com
 (include the catalog name in the subject field)



Technical Support



Expert advice on technical questions with a wide range of demand-optimized services for all our products and systems.

www.siemens.com/lowvoltage/contact