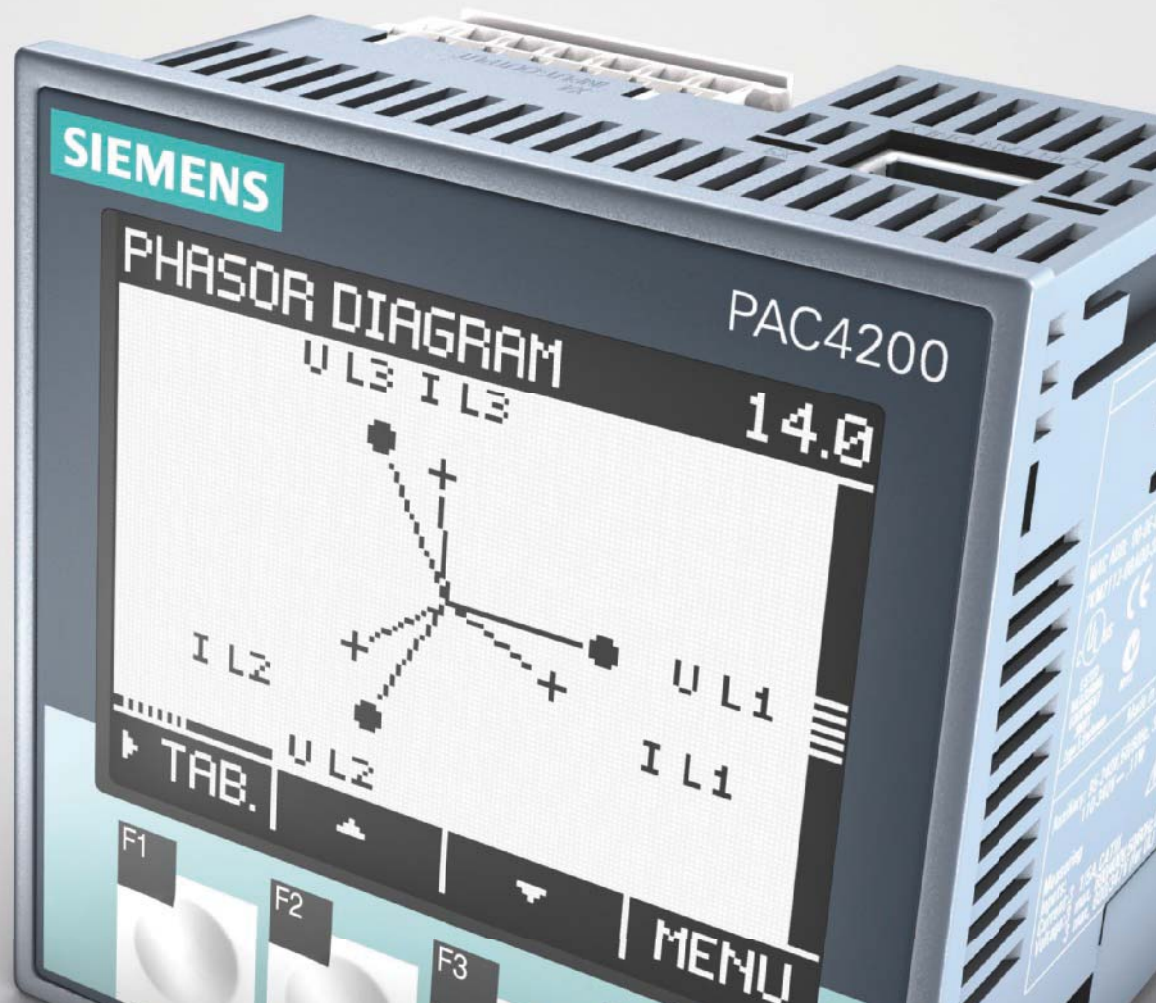


Low-Voltage Power Distribution and Electrical Installation Technology

Protection, Switching, Measuring and Monitoring Devices

Catalog LV 10.1 · 2012



SENTRON

Answers for infrastructure.

SIEMENS

Air Circuit Breakers



1/4

Introduction

3WL air circuit breakers/ non-automatic air circuit breakers up to 6300 A (AC), IEC

1/8 Introduction

1/9 3-pole, fixed-mounted versions

1/14 3-pole, withdrawable versions

1/20 4-pole, fixed-mounted versions

1/25 4-pole, withdrawable versions

1/31 Options

1/37 Accessories and spare parts

3WL non-automatic air circuit breakers up to 4000 A (DC)

1/58 3- and 4-pole, fixed-mounted
versions

1/59 3-pole, withdrawable versions

1/60 4-pole, withdrawable versions

1/61 Accessories and spare parts

Ch. 12

3KC ATC5300 transfer control device

Technical information

can be found at

www.siemens.com/lowvoltage/support

under Product List:

- Technical specifications

under Entry List:

- Updates
- Downloads
- FAQ
- Manuals
- Characteristic curves
- Certificates






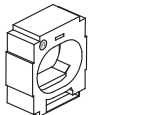
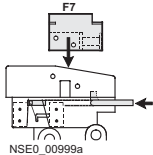
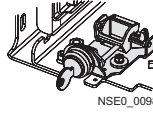
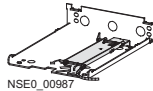
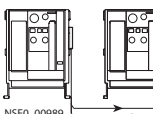
and at

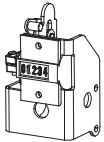
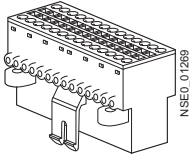
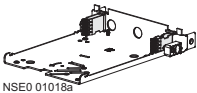
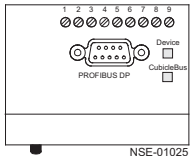
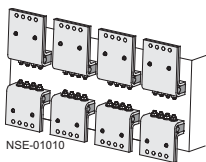
[www.siemens.com/lowvoltage/
configurators](http://www.siemens.com/lowvoltage/configurators)

- Configurators

Introduction

Overview

Devices	Page	Applications/individual components	Standards	Used in		
				Non-residential buildings	Residential buildings	Industry
	1/7 ... 1/23	As incoming-feeder, distribution, tie, and outgoing-feeder circuit breakers in electrical installations. For switching and protecting motors, capacitors, generators, transformers, busbars and cables.	IEC 60947-2, DIN VDE 0660 Part 101, climate-proof acc. to IEC 60068-2-30	✓	--	✓
	1/50 ... 1/52	As incoming-feeder, distribution, tie, and outgoing-feeder circuit breakers in electrical installations. For switching and protecting motors, capacitors, generators, transformers, busbars and cables.	IEC 60947-2, DIN VDE 0660 Part 101, climate-proof acc. to IEC 60068-2-30	✓	--	✓
Protective device with device holder and optional measurement function (ETU)	1/34	Electronic Trip Unit with protection functions LI, LSI, LSING and LSIN(G), with or without measurement function <i>Plus</i>	As for circuit breakers	✓	--	✓
 NSE0_00992b	1/34	Rating Plug $I_n = 3200$ A	For rated currents I_n from 250 A to 6300 A. The maximum rated current of the circuit breaker must not be exceeded.	As for circuit breakers	✓	✓
 NSE0_01027a	1/34	Ground-fault module	With alarm and tripping	As for circuit breakers	✓	✓
 NSE0_01609	1/34	Displays	4-line displays for ETU45B	As for circuit breakers	✓	✓
 NSE0_00990a	1/34	Current transformers for N conductor protection	Internal transformers for N conductors, external transformers for N conductors	As for circuit breakers	✓	✓
EMC filters	1/34	EMC filters	Common-mode interference suppressor filters	As for circuit breakers	✓	✓
 NSE0_00999a	1/35	More accessories for Electronic Trip Units	Sealable and lockable covers, automatic reset of the reclosing lockout, remote reset solenoid, retrofittable internal Cubicle BUS wiring, retrofittable internal wiring for connection of external N and G transformers	As for circuit breakers	✓	✓
 NSE0_00982	1/35	Locking devices	Interlocking set for mechanical ON/OFF, locking devices against unauthorized closing in operator panels/ for withdrawable circuit breakers, locking devices for operating mechanism handle with padlock, locking devices to prevent movement of the withdrawable circuit breakers, interlocking systems	As for circuit breakers	✓	✓
 NSE0_00987	1/36	Locking mechanisms	To prevent movement of the withdrawable circuit breakers into disconnected position, to prevent opening of the cabinet door in ON position, to prevent opening of the cabinet door, to prevent movement with the cabinet door open	As for circuit breakers	✓	✓
 NSE0_00989	1/36	Interlocks	Mutual mechanical interlocking, couplings on the circuit breaker (with ring) for mutual interlocking, Bowden wire	As for circuit breakers	✓	✓

Devices	Page	Applications/Individual components	Standards	Used in			
				Non-residential buildings	Residential buildings	Industry	
Test devices	1/37	Manual tester Release 2 for Electronic Trip Units, function testers	As for circuit breakers	✓	--	✓	
Capacitor storage devices	1/37	For shunt releases	As for circuit breakers	✓	--	✓	
 NSE0_00955a	Indicators, control elements	1/38	Ready-to-close signaling switches, signaling switches, tripped signaling switches, operating cycles counters, stored energy status signaling switches, position signaling switches for guide frames, electric ON buttons, motor shutdown switches, EMERGENCY-STOP buttons	As for circuit breakers	✓	--	✓
 NSE0_01269	Auxiliary conductor connections	1/39	Male connectors for circuit breakers, extension for 1000 V male connector versions, male connectors and extension for 1000 V, auxiliary supply connectors for circuit breakers or guide frames, coding kits, sliding contacts for guide frames, blanking blocks for circuit breakers	As for circuit breakers	✓	--	✓
Auxiliary releases	1/40	Closing coils/shunt releases, undervoltage releases	As for circuit breakers	✓	--	✓	
Operating mechanism	1/40	Motorized operating mechanism	As for circuit breakers	✓	--	✓	
Auxiliary contacts	1/40	Auxiliary switch blocks	As for circuit breakers	✓	--	✓	
Door sealing frames, hoods, shutters	1/41	Door sealing frames, IP55 protective covers, shutters	As for circuit breakers	✓	--	✓	
Arc chute	1/41	Arc chutes, arc chute covers	As for circuit breakers	✓	--	✓	
Coding for withdrawable version	1/41	By customer, for 36 coding variants	As for circuit breakers	✓	--	✓	
 NSE0 01018a	Grounding connection	1/42	Grounding connection between the guide frame and the withdrawable circuit breaker, contacting modules for withdrawable circuit breakers	As for circuit breakers	✓	--	✓
Support brackets	1/42	For mounting fixed-mounted circuit breakers on vertical plane	As for circuit breakers	✓	--	✓	
CubicleBUS modules	1/43	Digital and analog input and output modules, Zone Selective Interlocking modules	As for circuit breakers	✓	--	✓	
Parameterization systems	1/43	Breaker Data Adapter (BDA), BDA <i>Plus</i> , Connection cables for BDA <i>Plus</i> , Switch ES Power parameterization software	As for circuit breakers	✓	--	✓	
Accessories for communications	1/43	Factory-fitted cables for CubicleBUS modules, SENTRON manuals for communication solutions, voltage transformers	As for circuit breakers	✓	--	✓	
 NSE-01025	Retrofitting and spare parts	1/44	PROFIBUS retrofit kits, COM15 PROFIBUS modules, COM16 MODBUS modules, MODBUS IEC retrofit kits, Breaker Status Sensor (BSS), measurement function <i>Plus</i>	As for circuit breakers	✓	--	✓
 NSE-01010	Fixed-mounted main conductor connections, main conductor connections, withdrawable	1/45, 1/46	Front-accessible main connections with double or single hole, rear vertical main connections, rear horizontal main connections, circuit connecting flanges, supports for front and DIN connecting bars	As for circuit breakers	✓	--	✓

Air Circuit Breakers

Introduction

Overview



Size I



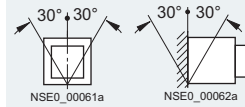
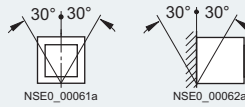
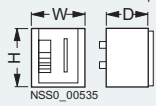
Size II

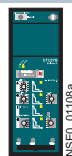


Size III



ATC5300

Air circuit breakers						Transfer control devices
3WL air circuit breakers/non-automatic air circuit breakers up to 6300 A (AC), IEC					3WL non-automatic air circuit breakers up to 4000 A (DC)	3KC ATC5300 transfer control device
Size			I, II, III		II	
Rated current I_n	A		630, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6300		1000, 2000, 4000	see chapter "Monitoring devices"
Number of poles			3-pole, 4-pole		3-pole, 4-pole	
Rated operational voltage U_e	V AC V DC		... 690/1000/1150		... 1000	
Rated ultimate short-circuit breaking capacity at 500 V AC	kA		Size I	Size II	Size III	
			55/66/85	66/80/100	100/150 (3-pole), 130 (4-pole)	30/25/20 (at 300/600/1000 V DC)
Endurance	Operating cycles		Up to 20000	15000	10000	15000
Mounting position			 NSE0_00061a NSE0_00062a		 NSE0_00061a NSE0_00062a	
Degree of protection	With cover Without cover (with door sealing frame)		IP55 IP41		IP55 IP41	
Dimensions 3-/4-pole		W mm	320/410	460/590	704/914	460/590
 NSS0_00535	Fixed mounting	H mm	434	434	434	434
		D mm	291	291	291	291
	Withdrawable	H mm	465.5	465.5	465.5	465.5
		D mm	471	471	471	471



Type	ETU15B ¹⁾	ETU25B	ETU27B	ETU45B	ETU76B
Electronic Trip Units for 3WL circuit breakers					
Overload protection	✓	✓	✓	✓	✓
Short-time delayed short-circuit protection	--	✓	✓	✓	✓
Instantaneous short-circuit protection	✓	✓	✓	✓	✓
Neutral conductor protection	--	--	✓	✓	✓
Ground-fault protection	--	--	✓	□	□
Zone Selective Interlocking	--	--	--	□	□
LCD, 4-line	--	--	--	□	--
LCD, graphic	--	--	--	--	✓
Communication	--	--	--	□	□
Measurement function <i>Plus</i>	--	--	--	□	□
Selectable parameter sets	--	--	--	--	✓
Parameters freely programmable	--	--	--	--	✓
CubicleBUS	--	--	--	✓	✓

- ✓ Standard
- Not available
- Optional

¹⁾ ETU15B cannot be used with 3WL circuit breakers, size III.

3WL air circuit breakers/non-automatic air circuit breakers according to UL 489 up to 5,000 A, see [Catalog LV 16](#).

3KC ATC5300 transfer control devices, see chapter "Monitoring devices".

Breaking capacity

Size	I					II					III							
Type	3WL11					3WL12					3WL13							
Breaking capacity class	N	N	S	S	H	H	N	N	S	S	H	H	H	H	C 3-pole	C	C 4-pole	C
Short-circuit breaking capacity																		
Rated operational voltage U_e up to 415 V AC																		
I_{cu}	kA	55	66	85		66	80	100		100	100	100	100	150		130		
I_{cs}	kA	55	66	85		66	80	100		100	100	100	100	150		130		
I_{cm}	kA	121	145	187		145	176	220		220	220	220	220	330		286		
Rated operational voltage U_e up to 500 V AC																		
I_{cu}	kA	55	66	85		66	80	100		100	100	100	100	150		130		
I_{cs}	kA	55	66	85		66	80	100		100	100	100	100	150		130		
I_{cm}	kA	121	145	187		145	176	220		220	220	220	220	330		286		
Rated operational voltage U_e up to 690 V AC																		
I_{cu}	kA	42	50	66		50	75	85		85	85	85	85	150		130		
I_{cs}	kA	42	50	66		50	75	85		85	85	85	85	150		130		
I_{cm}	kA	88	105	145		105	165	187		187	187	187	187	330		286		
Rated operational voltage U_e up to 1000 V/1150 V AC																		
I_{cu}	kA	--	--	50 ⁹⁾		--	--	50		50	50	50	50	70 ⁴⁾		70 ⁴⁾		
I_{cs}	kA	--	--	50 ⁹⁾		--	--	50		50	50	50	50	70 ⁴⁾		70 ⁴⁾		
I_{cm}	kA	--	--	105 ⁹⁾		--	--	105		105	105	105	105	154 ⁴⁾		154 ⁴⁾		
Rated short-time withstand current I_{cw} of the circuit breakers³⁾																		
0.5 s	kA	55	66	75		66	80	100		100	100	100	100	100		100		
1 s	kA	42	50	66		55	66	80		100	100	100	100	100		100		
2 s	kA	29,5	35	46		39	46	65 ^{1)/70²⁾}		80	80	80	80	80		80		
3 s	kA	24	29	37		32	44	50 ^{1)/65²⁾}		65	65	65	65	65		65		
Short-circuit breaking capacity I_{cc} of the non-automatic air circuit breakers																		
Up to 500 V AC	kA	55	66	75		66	80	100		100	100	100	100	100		100		
Up to 690 V AC	kA	42	50	66		50	75	85		85	85	85	85	100		100		
Up to 1000 V /1150 V AC	kA	--	--	50 ⁹⁾		--	--	50 ⁴⁾		50 ⁴⁾	50 ⁴⁾	50 ⁴⁾	50 ⁴⁾	70 ⁴⁾		70 ⁴⁾		

Size	II																		
Type	3WL12																		
Breaking capacity class	DC																		
Short-circuit breaking capacity																			
Up to 220 V DC I_{cc}	kA	35																	
Up to 300 V DC I_{cc}	kA	30																	
Up to 600 V DC I_{cc}	kA	25																	
Up to 1000 V DC I_{cc}	kA	20																	
Rated short-time withstand current I_{cw}																			
0.5 s	kA	--																	
1 s	kA	35 ⁵⁾ /30 ⁶⁾ /25 ⁷⁾ /20 ⁸⁾																	
2 s	kA	--																	
3 s	kA	--																	

- (N)** Circuit breaker with ECO breaking capacity N
- (S)** Circuit breaker with standard breaking capacity S
- (H)** Circuit breaker with high breaking capacity H
- (C)** Circuit breakers with very high breaking capacity C
- (DC)** Non-automatic air circuit breakers with DC breaking capacity

These breaking capacities are indicated in the corresponding tables by the symbols shown on orange backgrounds.

Abbreviations (functions)

L	= Long Time Delay	= Overload protection
S	= Short Time Delay	= Short-circuit protection (short-time delayed)
I	= Instantaneous	= Short-circuit protection (instantaneous)
N	= Neutral Protection	Neutral conductor protection
G	= Ground Fault	Ground-fault protection

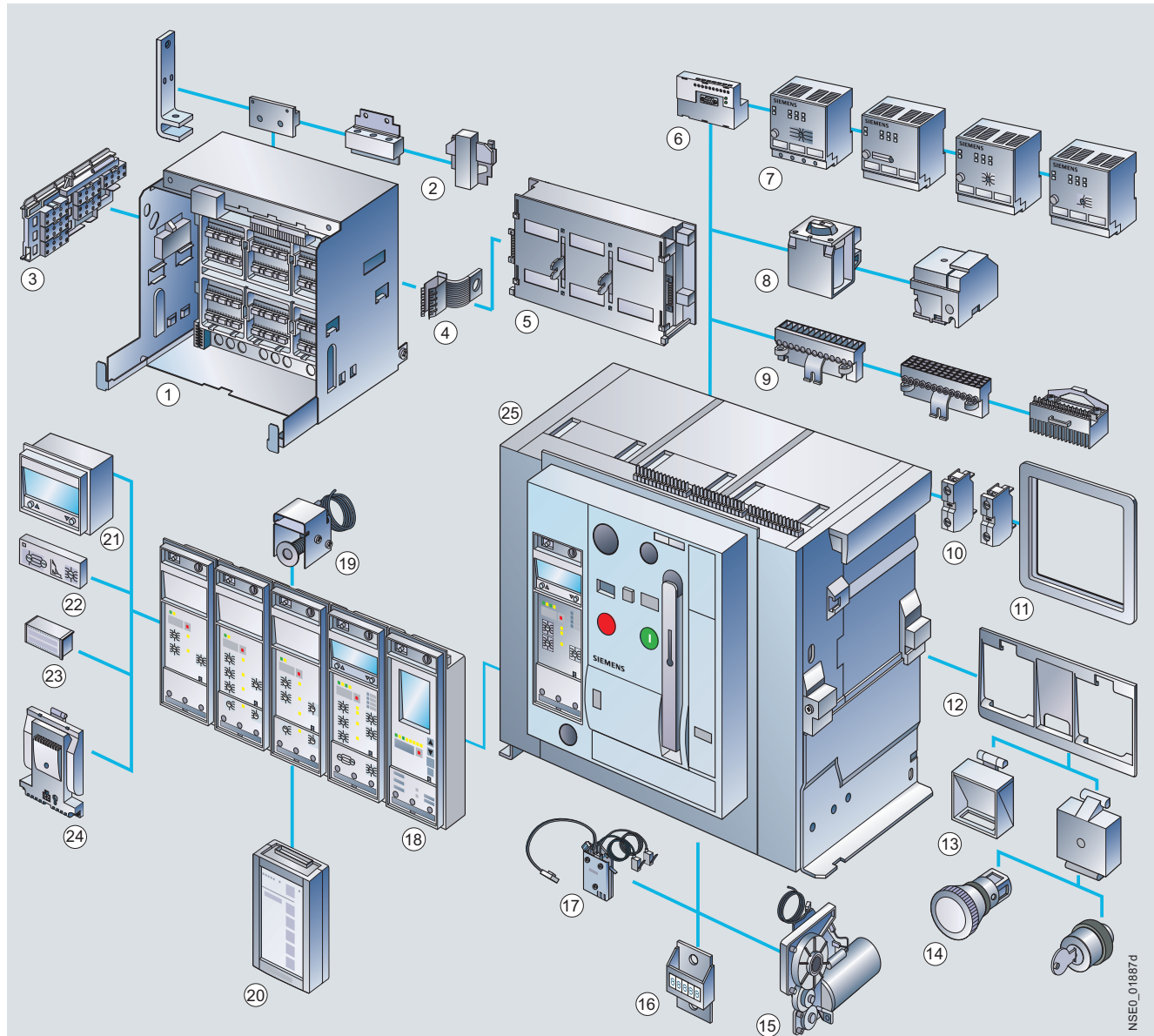
L, S, I, N, G: Designations acc. to IEC 60947-2, Appendix K.

- 1) Size II with $I_{n\max} \leq 2500$ A.
- 2) Size II with $I_{n\max} = 3200$ A and $I_{n\max} = 4000$ A.
- 3) At a rated voltage of ≥ 690 V the I_{cw} value of the circuit breaker cannot be greater than the I_{cu} or I_{cs} value at 690 V.
- 4) Rated operational voltage $U_e = 1150$ V.

- 5) At $U_e = 300$ V DC.
- 6) At $U_e = 300$ V DC.
- 7) At $U_e = 600$ V DC.
- 8) At $U_e = 1000$ V DC.
- 9) Values also apply to 690 V + 20 % version with Z-option "A16".

Introduction

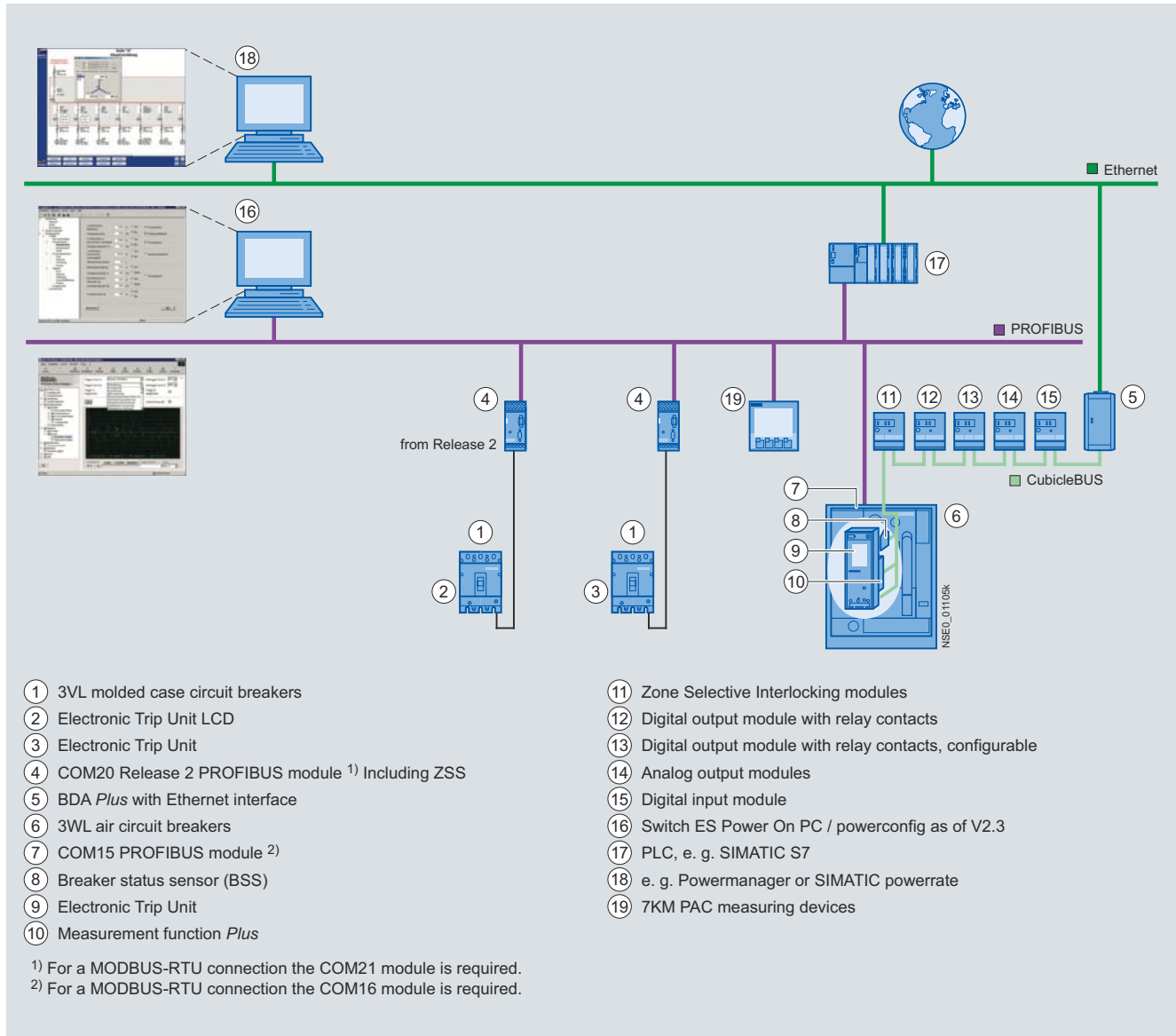
3WL air circuit breakers:
Superior individual products integrated into uniform power distribution systems – up to and including industry-specific industrial and infrastructure solutions



N5EQ_01887d

- | | |
|---|---|
| ① Guide frame (pages 1/38 to 1/41) | ⑬ Transparent panel, function insert (page 1/43) |
| ② Main circuit connection front, flange, horizontal, vertical (pages 1/36, 1/53 and 1/54) | ⑭ EMERGENCY-STOP pushbutton, key operated (page 1/46) |
| ③ Position signaling switch (pages 1/34 and 1/46) | ⑮ Motorized operating mechanism (pages 1/33 and 1/48) |
| ④ Grounding connection, leading (page 1/50) | |
| ⑤ Shutters (pages 1/34 and 1/49) | |
| ⑥ COM15 PROFIBUS module or COM16 MODBUS module (pages 1/34 and 1/52) | |
| ⑦ External CubicleBUS module (page 1/51) | |
| ⑧ Closing coil, auxiliary release (pages 1/31, 1/33 and 1/48) | |
| ⑨ Auxiliary conductor plug-in system (pages 1/35 and 1/47) | |
| ⑩ Auxiliary switching block (pages 1/31 and 1/48) | |
| ⑪ Door sealing frame (pages 1/33 and 1/49) | |
| ⑫ Interlocking set for mechanical ON/OFF (page 1/43) | |
| ⑬ Transparent panel, function insert (page 1/43) | |
| ⑭ EMERGENCY-STOP pushbutton, key operated (page 1/46) | |
| ⑮ Motorized operating mechanism (pages 1/33 and 1/48) | |
| ⑯ Operating cycles counter (pages 1/33 and 1/46) | |
| ⑰ Breaker status sensor (BSS) (pages 1/34 and 1/52) | |
| ⑱ Protective device with device holder, Electronic Trip Unit (ETU) (page 1/42) | |
| ⑲ Remote reset solenoid (pages 1/33 and 1/43) | |
| ⑳ Breaker data adapter (BDA Plus) (page 1/51) | |
| ㉑ Four-line display (page 1/42) | |
| ㉒ Ground-fault protection module (page 1/42) | |
| ㉓ Rating plug (pages 1/32 and 1/42) | |
| ㉔ Measurement function module (pages 1/34 and 1/42) | |
| ㉕ Circuit breaker (pages 1/9 to 1/30) | |

Communication-capable circuit breakers (with ETU45B or ETU76B Electronic Trip Unit)



Features

- Coordinated communication concept using the PROFIBUS DP or MODBUS, ranging from 16 A to 6300 A with 3VL molded case circuit breakers and 3WL air circuit breakers
- The high level of modularity of circuit breakers and accessories allows easy retrofitting of all communication components
- Significant additional benefits for the switchgear due to the possibility of linking up external input and output modules to the circuit breaker-internal **CubicleBUS** of the 3WL
- Innovative software products for parameterization, operation, monitoring, and diagnostics of circuit breakers, both locally or via PROFIBUS DP, MODBUS or Ethernet/Intranet/Internet
- Complete integration of the circuit breakers into the Totally Integrated Power and Totally Integrated Automation solutions

Communication:

- For air circuit breakers with optional communication function (ETU45B or ETU76B Electronic Trip Unit) [see pages 1/9 to 1/30](#).
- For accessories [see pages 1/51 and 1/52](#).
- For more information [see also chapters "Measuring Devices and Power Management" and "Software"](#).

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Introduction

Benefits

Low space requirements

The 3WL air circuit breakers require very little space. Size I devices (up to 2000 A) fit into a 400 mm wide switchgear panel. Size III devices (up to 6300 A) are the smallest of their kind and with their construction width of 704 mm fit into a 800 mm wide switchgear panel.

Modular design

Components like auxiliary releases, motorized operating mechanisms, Electronic Trip Units, current transformers, auxiliary circuit signaling switches, automatic reset devices, interlocks and engagement operating mechanisms can all be exchanged or retrofitted at a later stage, thus allowing the circuit breaker to be adapted to new, changing requirements.

The main contact elements can all be replaced in order to increase the endurance of the circuit breaker.

Retrofittable modules for Electronic Trip Units

Modularity is one of the main features of the new 3WL circuit breakers.

Special LCDs, ground-fault modules, rating plugs and communication modules for the Electronic Trip Units are available for fast and easy retrofitting and adaptation to changing requirements.

Communication/measurement functions

The use of modern communication-capable circuit breakers opens up completely new possibilities in terms of start-up, parameterization, diagnostics, maintenance and operation. This allows many different ways of reducing costs and improving productivity in industrial plants, buildings and infrastructure projects to be achieved.

- Fast and reliable parameterization
- Timely information and response can prevent plant stoppages
- Effective diagnostics management
- Measured values are the basis for efficient load management, for drawing up power demand profiles and for assigning energy to cost centers
- Preventive maintenance reduces the risk of expansive plant down-times
- Measurement function with a very wide range of measured values, such as current, voltage, energy, power etc.
- Can be used in 1000 V AC and 690 V IT networks

Applications

- As incoming-feeder, distribution, tie, and outgoing-feeder circuit breakers in electrical installations.
- For switching and protecting motors, capacitors, generators, transformers, busbars and cables.

When connected to an electronic I&C system, the air circuit breakers offer a wide range of options for monitoring network events.

The extensive, coordinated SENTRON range of devices covers applications between 16 A and 6300 A with molded case and air circuit breakers.

The AC devices are available as circuit breakers and non-automatic air circuit breakers. DC devices are only available as non-automatic air circuit breakers.

Standards

3WL circuit breakers comply with:

- IEC 60947-2
- Climate-proof according to IEC 60068-2-30.

Versions with UL 489 also available, [see Catalog LV 16](#).

For further standards, [see Appendix](#).

Conductor cross-sections

Size	I					II				
	Type	Up to 3WL11 10	3WL11 12	3WL11 16	3WL11 20	3WL12 08	3WL12 10	3WL12 12	3WL12 16	3WL12 20
Permissible load for withdrawable versions at rear horizontal main connections	• Up to 55 °C (Cu bare)	A 1000	1250	1600	2000	800	1000	1250	1600	2000
	• Up to 60 °C (Cu bare) ¹⁾	A 1000	1250	1600	1930	800	1000	1250	1600	2000
	• Up to 70 °C (Cu black painted) ¹⁾	A 1000	1210	1490 ²⁾	1780	800	1000	1250	1600	2000
Main conductor minimum cross-sections	• Copper bars, bare	Unit(s) 1 × mm ² 60 × 10	2 × 40 × 10	2 × 50 × 10	3 × 50 × 10	1 × 50 × 10	1 × 60 × 10	2 × 40 × 10	2 × 50 × 10	3 × 50 × 10
	• Copper bars, painted black	Unit(s) 1 × mm ² 60 × 10	2 × 40 × 10	2 × 50 × 10	3 × 50 × 10	1 × 50 × 10	1 × 60 × 10	2 × 40 × 10	2 × 50 × 10	3 × 50 × 10

Size	II			III			
	Type	3WL12 25	3WL12 32	3WL12 40	3WL13 40	3WL13 50	3WL13 63
Permissible load for withdrawable versions	• Up to 55 °C (Cu bare)	A 2500	3200	3950	4000	5000	5920
	• Up to 60 °C (Cu bare) ¹⁾	A 2500	3020	3810	4000	5000	5810
	• Up to 70 °C (Cu black painted) ¹⁾	A 2280	2870	3600	4000	5000	5500
Main conductor minimum cross-sections	• Copper bars, bare	Unit(s) 2 × mm ² 100 × 10	3 × 100 × 10	4 × 120 × 10	4 × 100 × 10	6 × 100 × 10	6 × 120 × 10
	• Copper bars, painted black	Unit(s) 2 × mm ² 100 × 10	3 × 100 × 10	4 × 100 × 10 ³⁾	4 × 100 × 10	6 × 100 × 10	6 × 120 × 10

¹⁾ ETU76B with graphics display can be used up to max. 55 °C.

²⁾ At breaking capacity H: 1600 A up to 70 °C.

³⁾ Minimum main conductor cross-sections for 4-pole withdrawable circuit breakers: 4 × 120 × 10 mm.

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, fixed-mounted versions

Selection and ordering data

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		(N)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
A	A	kA	DT	Order No. For Order No. supplements, see page 1/31	Basic price per PU			kg		
Horizontal main circuit connection										
I	630	630	55	B	3WL11 06-2□□32-....		1	1 unit	103	43.000
I	800	800	55	B	3WL11 08-2□□32-....		1	1 unit	103	43.000
I	1000	1000	55	B	3WL11 10-2□□32-....		1	1 unit	103	43.000
I	1250	1250	55	B	3WL11 12-2□□32-....		1	1 unit	103	43.000
I	1600	1600	55	B	3WL11 16-2□□32-....		1	1 unit	103	43.000
I	2000	2000	55	B	3WL11 20-2□□32-....		1	1 unit	103	43.000
II	800	800	66	B	3WL12 08-2□□32-....		1	1 unit	103	56.000
II	1000	1000	66	B	3WL12 10-2□□32-....		1	1 unit	103	56.000
II	1250	1250	66	B	3WL12 12-2□□32-....		1	1 unit	103	56.000
II	1600	1600	66	B	3WL12 16-2□□32-....		1	1 unit	103	56.000
II	2000	2000	66	B	3WL12 20-2□□32-....		1	1 unit	103	56.000
II	2500	2500	66	B	3WL12 25-2□□32-....		1	1 unit	103	59.000
II	3200	3200	66	B	3WL12 32-2□□32-....		1	1 unit	103	64.000
Vertical main circuit connection										
I	630	630	55	B	3WL11 06-2□□31-....		1	1 unit	103	43.000
I	800	800	55	B	3WL11 08-2□□31-....		1	1 unit	103	43.000
I	1000	1000	55	B	3WL11 10-2□□31-....		1	1 unit	103	43.000
I	1250	1250	55	B	3WL11 12-2□□31-....		1	1 unit	103	43.000
I	1600	1600	55	B	3WL11 16-2□□31-....		1	1 unit	103	43.000
I	2000	2000	55	B	3WL11 20-2□□31-....		1	1 unit	103	43.000
II	800	800	66	B	3WL12 08-2□□31-....		1	1 unit	103	56.000
II	1000	1000	66	B	3WL12 10-2□□31-....		1	1 unit	103	56.000
II	1250	1250	66	B	3WL12 12-2□□31-....		1	1 unit	103	56.000
II	1600	1600	66	B	3WL12 16-2□□31-....		1	1 unit	103	56.000
II	2000	2000	66	B	3WL12 20-2□□31-....		1	1 unit	103	56.000
II	2500	2500	66	B	3WL12 25-2□□31-....		1	1 unit	103	59.000
II	3200	3200	66	B	3WL12 32-2□□31-....		1	1 unit	103	64.000
II	4000	4000	66	B	3WL12 40-2□□31-....		1	1 unit	103	85.000
Front main circuit connection, single hole										
I	630	630	55	B	3WL11 06-2□□33-....		1	1 unit	103	43.000
I	800	800	55	B	3WL11 08-2□□33-....		1	1 unit	103	43.000
I	1000	1000	55	B	3WL11 10-2□□33-....		1	1 unit	103	43.000
I	1250	1250	55	B	3WL11 12-2□□33-....		1	1 unit	103	43.000
I	1600	1600	55	B	3WL11 16-2□□33-....		1	1 unit	103	43.000
II	800	800	66	B	3WL12 08-2□□33-....		1	1 unit	103	56.000
II	1000	1000	66	B	3WL12 10-2□□33-....		1	1 unit	103	56.000
II	1250	1250	66	B	3WL12 12-2□□33-....		1	1 unit	103	56.000
II	1600	1600	66	B	3WL12 16-2□□33-....		1	1 unit	103	56.000
II	2000	2000	66	B	3WL12 20-2□□33-....		1	1 unit	103	56.000
II	2500	2500	66	B	3WL12 25-2□□33-....		1	1 unit	103	59.000
II	3200	3200	66	B	3WL12 32-2□□33-....		1	1 unit	103	64.000
Front main circuit connection, double hole										
I	630	630	55	B	3WL11 06-2□□34-....		1	1 unit	103	43.000
I	800	800	55	B	3WL11 08-2□□34-....		1	1 unit	103	43.000
I	1000	1000	55	B	3WL11 10-2□□34-....		1	1 unit	103	43.000
I	1250	1250	55	B	3WL11 12-2□□34-....		1	1 unit	103	43.000
I	1600	1600	55	B	3WL11 16-2□□34-....		1	1 unit	103	43.000
I	2000	2000	55	B	3WL11 20-2□□34-....		1	1 unit	103	43.000
II	800	800	66	B	3WL12 08-2□□34-....		1	1 unit	103	56.000
II	1000	1000	66	B	3WL12 10-2□□34-....		1	1 unit	103	56.000
II	1250	1250	66	B	3WL12 12-2□□34-....		1	1 unit	103	56.000
II	1600	1600	66	B	3WL12 16-2□□34-....		1	1 unit	103	56.000
II	2000	2000	66	B	3WL12 20-2□□34-....		1	1 unit	103	56.000
II	2500	2500	66	B	3WL12 25-2□□34-....		1	1 unit	103	59.000
II	3200	3200	66	B	3WL12 32-2□□34-....		1	1 unit	103	64.000
Non-automatic air circuit breakers²⁾					Order No. supplements	Add. price				
without Electronic Trip Unit					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI					BB	✓				
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ³⁾					EB	✓				
ETU45B: Protection functions LSIN ³⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ³⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾					DG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾					EG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing					1AA2	None	✓ Additional price			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO							For footnotes, see page 1/13.			

* You can order this quantity or a multiple thereof.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, fixed-mounted versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 66/80 kA at 500 V, standard breaking capacity S		S	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx. kg	
			kA	DT						Order No. For Order No. supplements, see page 1/31
Horizontal main circuit connection										
I	630	630	66	B		3WL11 06-3□□32-....	1	1 unit	103	43.000
I	800	800	66	B		3WL11 08-3□□32-....	1	1 unit	103	43.000
I	1000	1000	66	B		3WL11 10-3□□32-....	1	1 unit	103	43.000
I	1250	1250	66	B		3WL11 12-3□□32-....	1	1 unit	103	43.000
I	1600	1600	66	B	NEW	3WL11 16-3□□32-....	1	1 unit	103	43.000
I	2000	2000	66	B		3WL11 20-3□□32-....	1	1 unit	103	43.000
II	800	800	80	B		3WL12 08-3□□32-....	1	1 unit	103	56.000
II	1000	1000	80	B		3WL12 10-3□□32-....	1	1 unit	103	56.000
II	1250	1250	80	B		3WL12 12-3□□32-....	1	1 unit	103	56.000
II	1600	1600	80	B		3WL12 16-3□□32-....	1	1 unit	103	56.000
II	2000	2000	80	B		3WL12 20-3□□32-....	1	1 unit	103	56.000
II	2500	2500	80	B		3WL12 25-3□□32-....	1	1 unit	103	59.000
II	3200	3200	80	B		3WL12 32-3□□32-....	1	1 unit	103	64.000
Vertical main circuit connection										
I	630	630	66	B		3WL11 06-3□□31-....	1	1 unit	103	43.000
I	800	800	66	B		3WL11 08-3□□31-....	1	1 unit	103	43.000
I	1000	1000	66	B		3WL11 10-3□□31-....	1	1 unit	103	43.000
I	1250	1250	66	B		3WL11 12-3□□31-....	1	1 unit	103	43.000
I	1600	1600	66	B	NEW	3WL11 16-3□□31-....	1	1 unit	103	43.000
I	2000	2000	66	B		3WL11 20-3□□31-....	1	1 unit	103	43.000
II	800	800	80	B		3WL12 08-3□□31-....	1	1 unit	103	56.000
II	1000	1000	80	B		3WL12 10-3□□31-....	1	1 unit	103	56.000
II	1250	1250	80	B		3WL12 12-3□□31-....	1	1 unit	103	56.000
II	1600	1600	80	B		3WL12 16-3□□31-....	1	1 unit	103	56.000
II	2000	2000	80	B		3WL12 20-3□□31-....	1	1 unit	103	56.000
II	2500	2500	80	B		3WL12 25-3□□31-....	1	1 unit	103	59.000
II	3200	3200	80	B		3WL12 32-3□□31-....	1	1 unit	103	64.000
II	4000	4000	80	B		3WL12 40-3□□31-....	1	1 unit	103	85.000
Front main circuit connection, single hole										
I	630	630	66	B		3WL11 06-3□□33-....	1	1 unit	103	43.000
I	800	800	66	B		3WL11 08-3□□33-....	1	1 unit	103	43.000
I	1000	1000	66	B		3WL11 10-3□□33-....	1	1 unit	103	43.000
I	1250	1250	66	B		3WL11 12-3□□33-....	1	1 unit	103	43.000
I	1600	1600	66	B		3WL11 16-3□□33-....	1	1 unit	103	43.000
II	800	800	80	B		3WL12 08-3□□33-....	1	1 unit	103	56.000
II	1000	1000	80	B		3WL12 10-3□□33-....	1	1 unit	103	56.000
II	1250	1250	80	B		3WL12 12-3□□33-....	1	1 unit	103	56.000
II	1600	1600	80	B		3WL12 16-3□□33-....	1	1 unit	103	56.000
II	2000	2000	80	B		3WL12 20-3□□33-....	1	1 unit	103	56.000
II	2500	2500	80	B		3WL12 25-3□□33-....	1	1 unit	103	59.000
II	3200	3200	80	B		3WL12 32-3□□33-....	1	1 unit	103	64.000
Front main circuit connection, double hole										
I	630	630	66	B		3WL11 06-3□□34-....	1	1 unit	103	43.000
I	800	800	66	B		3WL11 08-3□□34-....	1	1 unit	103	43.000
I	1000	1000	66	B		3WL11 10-3□□34-....	1	1 unit	103	43.000
I	1250	1250	66	B		3WL11 12-3□□34-....	1	1 unit	103	43.000
I	1600	1600	66	B	NEW	3WL11 16-3□□34-....	1	1 unit	103	43.000
I	2000	2000	66	B		3WL11 20-3□□34-....	1	1 unit	103	43.000
II	800	800	80	B		3WL12 08-3□□34-....	1	1 unit	103	56.000
II	1000	1000	80	B		3WL12 10-3□□34-....	1	1 unit	103	56.000
II	1250	1250	80	B		3WL12 12-3□□34-....	1	1 unit	103	56.000
II	1600	1600	80	B		3WL12 16-3□□34-....	1	1 unit	103	56.000
II	2000	2000	80	B		3WL12 20-3□□34-....	1	1 unit	103	56.000
II	2500	2500	80	B		3WL12 25-3□□34-....	1	1 unit	103	59.000
II	3200	3200	80	B		3WL12 32-3□□34-....	1	1 unit	103	64.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit										
						Order No. supplements	AA	None		
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI						BB	✓			
ETU25B: Protection functions LSI						CB	✓			
ETU45B: Protection functions LSIN ³⁾						EB	✓			
ETU45B: Protection functions LSIN ³⁾ with 4-line display						FB	✓			
ETU76B: Protection functions LSIN ³⁾ with graphics display						NB	✓			
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾						DG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾						EG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display						FG	✓			
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display						NG	✓			
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing						1AA2	None			
Without 1st and 2nd auxiliary releases; aux. switch 2 NC + 2 NO										

✓ Additional price

For footnotes, see page 1/13.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, fixed-mounted versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
			kA	DT						
Horizontal main circuit connection										
I	630	630	85	B	3WL11 06-4□□32-....		1	1 unit	103	43.000
I	800	800	85	B	3WL11 08-4□□32-....		1	1 unit	103	43.000
I	1000	1000	85	B	3WL11 10-4□□32-....		1	1 unit	103	43.000
I	1250	1250	85	B	3WL11 12-4□□32-....		1	1 unit	103	43.000
I	1600	1600	85	B	3WL11 16-4□□32-....		1	1 unit	103	43.000
I	2000	2000	85	B	3WL11 20-4□□32-....		1	1 unit	103	43.000
II	800	800	100	B	3WL12 08-4□□32-....		1	1 unit	103	56.000
II	1000	1000	100	B	3WL12 10-4□□32-....		1	1 unit	103	56.000
II	1250	1250	100	B	3WL12 12-4□□32-....		1	1 unit	103	56.000
II	1600	1600	100	B	3WL12 16-4□□32-....		1	1 unit	103	56.000
II	2000	2000	100	B	3WL12 20-4□□32-....		1	1 unit	103	56.000
II	2500	2500	100	B	3WL12 25-4□□32-....		1	1 unit	103	59.000
II	3200	3200	100	B	3WL12 32-4□□32-....		1	1 unit	103	64.000
III	4000	4000	100	B	3WL13 40-4□□32-....		1	1 unit	103	82.000
III	5000	5000	100	B	3WL13 50-4□□32-....		1	1 unit	103	82.000
Vertical main circuit connection										
I	630	630	85	B	3WL11 06-4□□31-....		1	1 unit	103	43.000
I	800	800	85	B	3WL11 08-4□□31-....		1	1 unit	103	43.000
I	1000	1000	85	B	3WL11 10-4□□31-....		1	1 unit	103	43.000
I	1250	1250	85	B	3WL11 12-4□□31-....		1	1 unit	103	43.000
I	1600	1600	85	B	3WL11 16-4□□31-....		1	1 unit	103	43.000
I	2000	2000	85	B	3WL11 20-4□□31-....		1	1 unit	103	43.000
II	800	800	100	B	3WL12 08-4□□31-....		1	1 unit	103	56.000
II	1000	1000	100	B	3WL12 10-4□□31-....		1	1 unit	103	56.000
II	1250	1250	100	B	3WL12 12-4□□31-....		1	1 unit	103	56.000
II	1600	1600	100	B	3WL12 16-4□□31-....		1	1 unit	103	56.000
II	2000	2000	100	B	3WL12 20-4□□31-....		1	1 unit	103	56.000
II	2500	2500	100	B	3WL12 25-4□□31-....		1	1 unit	103	59.000
II	3200	3200	100	B	3WL12 32-4□□31-....		1	1 unit	103	64.000
II	4000	4000	100	B	3WL12 40-4□□31-....		1	1 unit	103	85.000
III	4000	4000	100	B	3WL13 40-4□□31-....		1	1 unit	103	82.000
III	5000	5000	100	B	3WL13 50-4□□31-....		1	1 unit	103	82.000
III	6300	6300	100	B	3WL13 63-4□□31-....		1	1 unit	103	90.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit					Order No. supplements	AA	None			
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI ⁶⁾						BB	✓			
ETU25B: Protection functions LSI						CB	✓			
ETU45B: Protection functions LSIN ³⁾						EB	✓			
ETU45B: Protection functions LSIN ³⁾ with 4-line display						FB	✓			
ETU76B: Protection functions LSIN ³⁾ with graphics display						NB	✓			
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾						DG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾						EG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display						FG	✓			
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display						NG	✓			
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing						1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										

✓ Additional price

For footnotes, see page 1/13.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, fixed-mounted versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.
			kA	DT						
Front main circuit connection, single hole										
II	800	800	100	B	3WL12 08-4□□33-....		1	1 unit	103	56.000
II	1000	1000	100	B	3WL12 10-4□□33-....		1	1 unit	103	56.000
II	1250	1250	100	B	3WL12 12-4□□33-....		1	1 unit	103	56.000
II	1600	1600	100	B	3WL12 16-4□□33-....		1	1 unit	103	56.000
II	2000	2000	100	B	3WL12 20-4□□33-....		1	1 unit	103	56.000
II	2500	2500	100	B	3WL12 25-4□□33-....		1	1 unit	103	59.000
II	3200	3200	100	B	3WL12 32-4□□33-....		1	1 unit	103	64.000
III	4000	4000	100	B	3WL13 40-4□□33-....		1	1 unit	103	82.000
Front main circuit connection, double hole										
I	630	630	85	B	3WL11 06-4□□34-....		1	1 unit	103	43.000
I	800	800	85	B	3WL11 08-4□□34-....		1	1 unit	103	43.000
I	1000	1000	85	B	3WL11 10-4□□34-....		1	1 unit	103	43.000
I	1250	1250	85	B	3WL11 12-4□□34-....		1	1 unit	103	43.000
I	1600	1600	85	B	3WL11 16-4□□34-....		1	1 unit	103	43.000
I	2000	2000	85	B	3WL11 20-4□□34-....		1	1 unit	103	43.000
II	800	800	100	B	3WL12 08-4□□34-....		1	1 unit	103	56.000
II	1000	1000	100	B	3WL12 10-4□□34-....		1	1 unit	103	56.000
II	1250	1250	100	B	3WL12 12-4□□34-....		1	1 unit	103	56.000
II	1600	1600	100	B	3WL12 16-4□□34-....		1	1 unit	103	56.000
II	2000	2000	100	B	3WL12 20-4□□34-....		1	1 unit	103	56.000
II	2500	2500	100	B	3WL12 25-4□□34-....		1	1 unit	103	59.000
II	3200	3200	100	B	3WL12 32-4□□34-....		1	1 unit	103	64.000
III	4000	4000	100	B	3WL13 40-4□□34-....		1	1 unit	103	82.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit					Order No. supplements	Add. price				
					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI ⁶⁾					BB	✓				
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ³⁾					EB	✓				
ETU45B: Protection functions LSIN ³⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ³⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾					DG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾					EG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO					1AA2	None				

✓ Additional price

For footnotes, see page 1/13.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, fixed-mounted versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 150 kA at 500 V, very high breaking capacity C		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
A	A	kA	DT							kg
Horizontal main circuit connection										
III	4000	4000	150	B	3WL13 40-5□□32-....		1	1 unit	103	82.000
III	5000	5000	150	B	3WL13 50-5□□32-....		1	1 unit	103	82.000
Vertical main circuit connection										
III	4000	4000	150	B	3WL13 40-5□□31-....		1	1 unit	103	82.000
III	5000	5000	150	B	3WL13 50-5□□31-....		1	1 unit	103	82.000
III	6300	6300	150	B	3WL13 63-5□□31-....		1	1 unit	103	90.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit					Order No. supplements	Add. price				
					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU25B: Protection functions LS1					CB	✓				
ETU45B: Protection functions LSIN ³⁾					EB	✓				
ETU45B: Protection functions LSIN ³⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ³⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾					DG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾					EG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing										
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO					1AA2	None				

✓ Additional price

Footnotes for pages 1/9 to 1/13:

- 1) The rated current is determined by the rating plug. For the standard version, the supplied module is equal to the maximum rated current. If a lower rated current is required, adaptation by order code on page 1/32.
- 2) For permissible rated short-time current I_{cc} and rated short-circuit making capacity I_{cm} for non-automatic air circuit breakers see page 1/5.

- 3) Current transformers for protection of the N conductor and current transformers for detection of the ground-fault current in the grounded neutral point of the transformer are to be ordered separately, see page 1/42.
- 4) Current transformers for protection of the N conductor are to be ordered separately, see page 1/42.
- 5) ETU45B and ETU76B with ground-fault protection module GFM AT (alarm and tripping), see page 1/42.
- 6) ETU15B cannot be used with 3WL circuit breakers, size III.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, withdrawable versions

Selection and ordering data

Size	Max. rated circuit breaker current $I_{n \text{ max.}}$	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		Order No. For Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
A	A	kA	DT							
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)										
I	630	630	55	B	3WL11 06-2□□35-....		1	1 unit	103	45.000
I	800	800	55	B	3WL11 08-2□□35-....		1	1 unit	103	45.000
I	1000	1000	55	B	3WL11 10-2□□35-....		1	1 unit	103	45.000
I	1250	1250	55	B	3WL11 12-2□□35-....		1	1 unit	103	45.000
I	1600	1600	55	B	3WL11 16-2□□35-....		1	1 unit	103	45.000
I	2000	2000	55	B	3WL11 20-2□□35-....		1	1 unit	103	45.000
II	800	800	66	B	3WL12 08-2□□35-....		1	1 unit	103	60.000
II	1000	1000	66	B	3WL12 10-2□□35-....		1	1 unit	103	60.000
II	1250	1250	66	B	3WL12 12-2□□35-....		1	1 unit	103	60.000
II	1600	1600	66	B	3WL12 16-2□□35-....		1	1 unit	103	60.000
II	2000	2000	66	B	3WL12 20-2□□35-....		1	1 unit	103	60.000
II	2500	2500	66	B	3WL12 25-2□□35-....		1	1 unit	103	63.000
II	3200	3200	66	B	3WL12 32-2□□35-....		1	1 unit	103	68.000
With guide frames, horizontal main circuit connection										
I	630	630	55	B	3WL11 06-2□□36-....		1	1 unit	103	70.000
I	800	800	55	B	3WL11 08-2□□36-....		1	1 unit	103	70.000
I	1000	1000	55	B	3WL11 10-2□□36-....		1	1 unit	103	70.000
I	1250	1250	55	B	3WL11 12-2□□36-....		1	1 unit	103	70.000
I	1600	1600	55	B	3WL11 16-2□□36-....		1	1 unit	103	70.000
I	2000	2000	55	B	3WL11 20-2□□36-....		1	1 unit	103	70.000
II	800	800	66	B	3WL12 08-2□□36-....		1	1 unit	103	91.000
II	1000	1000	66	B	3WL12 10-2□□36-....		1	1 unit	103	91.000
II	1250	1250	66	B	3WL12 12-2□□36-....		1	1 unit	103	91.000
II	1600	1600	66	B	3WL12 16-2□□36-....		1	1 unit	103	91.000
II	2000	2000	66	B	3WL12 20-2□□36-....		1	1 unit	103	91.000
II	2500	2500	66	B	3WL12 25-2□□36-....		1	1 unit	103	102.000
II	3200	3200	66	B	3WL12 32-2□□36-....		1	1 unit	103	113.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit					Order No. supplements	Add. price				
					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI					BB	✓				
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ⁴⁾					EB	✓				
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾					DG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓				

Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)

Manual operating mechanism with mechanical closing		
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO	1AA2	None

✓ Additional price

For footnotes, see page 1/19.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, withdrawable versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		Order No. For Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.
			kA	DT						
With guide frames, vertical main circuit connection										
I	630	630	55	B	3WL11 06-2□□37-....		1	1 unit	103	70.000
I	800	800	55	B	3WL11 08-2□□37-....		1	1 unit	103	70.000
I	1000	1000	55	B	3WL11 10-2□□37-....		1	1 unit	103	70.000
I	1250	1250	55	B	3WL11 12-2□□37-....		1	1 unit	103	70.000
I	1600	1600	55	B	3WL11 16-2□□37-....		1	1 unit	103	70.000
I	2000	2000	55	B	3WL11 20-2□□37-....		1	1 unit	103	70.000
II	800	800	66	B	3WL12 08-2□□37-....		1	1 unit	103	91.000
II	1000	1000	66	B	3WL12 10-2□□37-....		1	1 unit	103	91.000
II	1250	1250	66	B	3WL12 12-2□□37-....		1	1 unit	103	91.000
II	1600	1600	66	B	3WL12 16-2□□37-....		1	1 unit	103	91.000
II	2000	2000	66	B	3WL12 20-2□□37-....		1	1 unit	103	91.000
II	2500	2500	66	B	3WL12 25-2□□37-....		1	1 unit	103	102.000
II	3200	3200	66	B	3WL12 32-2□□37-....		1	1 unit	103	113.000
II	4000	4000	66	B	3WL12 40-2□□37-....		1	1 unit	103	121.000
With guide frames, connecting flanges										
I	630	630	55	B	3WL11 06-2□□38-....		1	1 unit	103	70.000
I	800	800	55	B	3WL11 08-2□□38-....		1	1 unit	103	70.000
I	1000	1000	55	B	3WL11 10-2□□38-....		1	1 unit	103	70.000
I	1250	1250	55	B	3WL11 12-2□□38-....		1	1 unit	103	70.000
I	1600	1600	55	B	3WL11 16-2□□38-....		1	1 unit	103	70.000
I	2000	2000	55	B	3WL11 20-2□□38-....		1	1 unit	103	70.000
II	800	800	66	B	3WL12 08-2□□38-....		1	1 unit	103	91.000
II	1000	1000	66	B	3WL12 10-2□□38-....		1	1 unit	103	91.000
II	1250	1250	66	B	3WL12 12-2□□38-....		1	1 unit	103	91.000
II	1600	1600	66	B	3WL12 16-2□□38-....		1	1 unit	103	91.000
II	2000	2000	66	B	3WL12 20-2□□38-....		1	1 unit	103	91.000
II	2500	2500	66	B	3WL12 25-2□□38-....		1	1 unit	103	102.000
II	3200	3200	66	B	3WL12 32-2□□38-....		1	1 unit	103	113.000
Non-automatic air circuit breakers³⁾					Order No. supplements	Add. price				
without Electronic Trip Unit					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI					BB	✓				
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ⁴⁾					EB	✓				
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾					DG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)										
Manual operating mechanism with mechanical closing										
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO					1AA2	None				

✓ Additional price

For footnotes, see page 1/19.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC







3-pole, withdrawable versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 66/80 kA at 500 V, standard breaking capacity S		S	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
			kA	DT	Order No. For Order No. supplements, see page 1/31	Basic price per PU			kg
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)									
I	630	630	66	B	3WL11 06-3□□35-....		1	1 unit	103 45.000
I	800	800	66	B	3WL11 08-3□□35-....		1	1 unit	103 45.000
I	1000	1000	66	B	3WL11 10-3□□35-....		1	1 unit	103 45.000
I	1250	1250	66	B	3WL11 12-3□□35-....		1	1 unit	103 45.000
I	1600	1600	66	B	3WL11 16-3□□35-....		1	1 unit	103 45.000
I	2000	2000	66	B	3WL11 20-3□□35-....		1	1 unit	103 45.000
II	800	800	80	B	3WL12 08-3□□35-....		1	1 unit	103 60.000
II	1000	1000	80	B	3WL12 10-3□□35-....		1	1 unit	103 60.000
II	1250	1250	80	B	3WL12 12-3□□35-....		1	1 unit	103 60.000
II	1600	1600	80	B	3WL12 16-3□□35-....		1	1 unit	103 60.000
II	2000	2000	80	B	3WL12 20-3□□35-....		1	1 unit	103 60.000
II	2500	2500	80	B	3WL12 25-3□□35-....		1	1 unit	103 63.000
II	3200	3200	80	B	3WL12 32-3□□35-....		1	1 unit	103 68.000
With guide frames, horizontal main circuit connection									
I	630	630	66	B	3WL11 06-3□□36-....		1	1 unit	103 70.000
I	800	800	66	B	3WL11 08-3□□36-....		1	1 unit	103 70.000
I	1000	1000	66	B	3WL11 10-3□□36-....		1	1 unit	103 70.000
I	1250	1250	66	B	3WL11 12-3□□36-....		1	1 unit	103 70.000
I	1600	1600	66	B	3WL11 16-3□□36-....		1	1 unit	103 70.000
I	2000	2000	66	B	3WL11 20-3□□36-....		1	1 unit	103 70.000
II	800	800	80	B	3WL12 08-3□□36-....		1	1 unit	103 91.000
II	1000	1000	80	B	3WL12 10-3□□36-....		1	1 unit	103 91.000
II	1250	1250	80	B	3WL12 12-3□□36-....		1	1 unit	103 91.000
II	1600	1600	80	B	3WL12 16-3□□36-....		1	1 unit	103 91.000
II	2000	2000	80	B	3WL12 20-3□□36-....		1	1 unit	103 91.000
II	2500	2500	80	B	3WL12 25-3□□36-....		1	1 unit	103 102.000
II	3200	3200	80	B	3WL12 32-3□□36-....		1	1 unit	103 113.000
With guide frames, vertical main circuit connection									
I	630	630	66	B	3WL11 06-3□□37-....		1	1 unit	103 70.000
I	800	800	66	B	3WL11 08-3□□37-....		1	1 unit	103 70.000
I	1000	1000	66	B	3WL11 10-3□□37-....		1	1 unit	103 70.000
I	1250	1250	66	B	3WL11 12-3□□37-....		1	1 unit	103 70.000
I	1600	1600	66	B	3WL11 16-3□□37-....		1	1 unit	103 70.000
I	2000	2000	66	B	3WL11 20-3□□37-....		1	1 unit	103 70.000
II	800	800	80	B	3WL12 08-3□□37-....		1	1 unit	103 91.000
II	1000	1000	80	B	3WL12 10-3□□37-....		1	1 unit	103 91.000
II	1250	1250	80	B	3WL12 12-3□□37-....		1	1 unit	103 91.000
II	1600	1600	80	B	3WL12 16-3□□37-....		1	1 unit	103 91.000
II	2000	2000	80	B	3WL12 20-3□□37-....		1	1 unit	103 91.000
II	2500	2500	80	B	3WL12 25-3□□37-....		1	1 unit	103 102.000
II	3200	3200	80	B	3WL12 32-3□□37-....		1	1 unit	103 113.000
II	4000	4000	80	B	3WL12 40-3□□37-....		1	1 unit	103 121.000
With guide frames, connecting flanges									
I	630	630	66	B	3WL11 06-3□□38-....		1	1 unit	103 70.000
I	800	800	66	B	3WL11 08-3□□38-....		1	1 unit	103 70.000
I	1000	1000	66	B	3WL11 10-3□□38-....		1	1 unit	103 70.000
I	1250	1250	66	B	3WL11 12-3□□38-....		1	1 unit	103 70.000
I	1600	1600	66	B	3WL11 16-3□□38-....		1	1 unit	103 70.000
I	2000	2000	66	B	3WL11 20-3□□38-....		1	1 unit	103 70.000
II	800	800	80	B	3WL12 08-3□□38-....		1	1 unit	103 91.000
II	1000	1000	80	B	3WL12 10-3□□38-....		1	1 unit	103 91.000
II	1250	1250	80	B	3WL12 12-3□□38-....		1	1 unit	103 91.000
II	1600	1600	80	B	3WL12 16-3□□38-....		1	1 unit	103 91.000
II	2000	2000	80	B	3WL12 20-3□□38-....		1	1 unit	103 91.000
II	2500	2500	80	B	3WL12 25-3□□38-....		1	1 unit	103 102.000
II	3200	3200	80	B	3WL12 32-3□□38-....		1	1 unit	103 113.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit					Order No. supplements	Add. price			
					AA	None			
Electronic Trip Units									
Versions without ground-fault protection									
ETU15B: Protection functions LI					BB	✓			
ETU25B: Protection functions LSI					CB	✓			
ETU45B: Protection functions LSIN ⁴⁾					EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓			
Versions with ground-fault protection									
ETU27B: Protection functions LSING ⁵⁾					DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)									
Manual operating mechanism with mechanical closing					1AA2	None	✓ Additional price		
Without 1st and 2nd auxiliary releases; aux. switch 2 NC + 2 NO							For footnotes, see page 1/19.		

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, withdrawable versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
			kA	DT		Basic price per PU			kg	
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)										
I	630	630		85	B	3WL11 06-4□□35-....	1	1 unit	103	45.000
I	800	800		85	B	3WL11 08-4□□35-....	1	1 unit	103	45.000
I	1000	1000		85	B	3WL11 10-4□□35-....	1	1 unit	103	45.000
I	1250	1250		85	B	3WL11 12-4□□35-....	1	1 unit	103	45.000
I	1600	1600		85	B	3WL11 16-4□□35-....	1	1 unit	103	45.000
I	2000	2000		85	B	3WL11 20-4□□35-....	1	1 unit	103	45.000
II	800	800		100	B	3WL12 08-4□□35-....	1	1 unit	103	60.000
II	1000	1000		100	B	3WL12 10-4□□35-....	1	1 unit	103	60.000
II	1250	1250		100	B	3WL12 12-4□□35-....	1	1 unit	103	60.000
II	1600	1600		100	B	3WL12 16-4□□35-....	1	1 unit	103	60.000
II	2000	2000		100	B	3WL12 20-4□□35-....	1	1 unit	103	60.000
II	2500	2500		100	B	3WL12 25-4□□35-....	1	1 unit	103	63.000
II	3200	3200		100	B	3WL12 32-4□□35-....	1	1 unit	103	68.000
III	4000	4000		100	B	3WL13 40-4□□35-....	1	1 unit	103	88.000
III	5000	5000		100	B	3WL13 50-4□□35-....	1	1 unit	103	88.000
III	6300	6300		100	B	3WL13 63-4□□35-....	1	1 unit	103	96.000
With guide frames, horizontal main circuit connection										
I	630	630		85	B	3WL11 06-4□□36-....	1	1 unit	103	70.000
I	800	800		85	B	3WL11 08-4□□36-....	1	1 unit	103	70.000
I	1000	1000		85	B	3WL11 10-4□□36-....	1	1 unit	103	70.000
I	1250	1250		85	B	3WL11 12-4□□36-....	1	1 unit	103	70.000
I	1600	1600		85	B	3WL11 16-4□□36-....	1	1 unit	103	70.000
I	2000	2000		85	B	3WL11 20-4□□36-....	1	1 unit	103	70.000
II	800	800		100	B	3WL12 08-4□□36-....	1	1 unit	103	91.000
II	1000	1000		100	B	3WL12 10-4□□36-....	1	1 unit	103	91.000
II	1250	1250		100	B	3WL12 12-4□□36-....	1	1 unit	103	91.000
II	1600	1600		100	B	3WL12 16-4□□36-....	1	1 unit	103	91.000
II	2000	2000		100	B	3WL12 20-4□□36-....	1	1 unit	103	91.000
II	2500	2500		100	B	3WL12 25-4□□36-....	1	1 unit	103	102.000
II	3200	3200		100	B	3WL12 32-4□□36-....	1	1 unit	103	113.000
III	4000	4000		100	B	3WL13 40-4□□36-....	1	1 unit	103	148.000
III	5000	5000		100	B	3WL13 50-4□□36-....	1	1 unit	103	148.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit						Order No. supplements	Add. price			
						AA	None			
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI ⁷⁾						BB		✓		
ETU25B: Protection functions LSI						CB		✓		
ETU45B: Protection functions LSIN ⁴⁾						EB		✓		
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display						FB		✓		
ETU76B: Protection functions LSIN ⁴⁾ with graphics display						NB		✓		
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾						DG		✓		
ETU45B: Protection functions LSING ⁴⁾⁶⁾						EG		✓		
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display						FG		✓		
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display						NG		✓		
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)										
Manual operating mechanism with mechanical closing						1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										







✓ Additional price

For footnotes, see page 1/19.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, withdrawable versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
A	A	kA	DT	Order No. Order No. supplements, see page 1/31	Basic price per PU				kg	
With guide frames, vertical main circuit connection										
I	630	630	85	B	3WL11 06-4□□37-....		1	1 unit	103	70.000
I	800	800		B	3WL11 08-4□□37-....		1	1 unit	103	70.000
I	1000	1000		B	3WL11 10-4□□37-....		1	1 unit	103	70.000
I	1250	1250	85	B	3WL11 12-4□□37-....		1	1 unit	103	70.000
I	1600	1600		B	3WL11 16-4□□37-....		1	1 unit	103	70.000
I	2000	2000	85	B	3WL11 20-4□□37-....		1	1 unit	103	70.000
II	800	800	100	B	3WL12 08-4□□37-....		1	1 unit	103	91.000
II	1000	1000	100	B	3WL12 10-4□□37-....		1	1 unit	103	91.000
II	1250	1250	100	B	3WL12 12-4□□37-....		1	1 unit	103	91.000
II	1600	1600	100	B	3WL12 16-4□□37-....		1	1 unit	103	91.000
II	2000	2000	100	B	3WL12 20-4□□37-....		1	1 unit	103	91.000
II	2500	2500	100	B	3WL12 25-4□□37-....		1	1 unit	103	102.000
II	3200	3200	100	B	3WL12 32-4□□37-....		1	1 unit	103	113.000
II	4000	4000	100	B	3WL12 40-4□□37-....		1	1 unit	103	121.000
III	4000	4000	100	B	3WL13 40-4□□37-....		1	1 unit	103	148.000
III	5000	5000	100	B	3WL13 50-4□□37-....		1	1 unit	103	148.000
III	6300	6300	100	B	3WL13 63-4□□37-....		1	1 unit	103	166.000
With guide frames, connecting flanges										
I	630	630		B	3WL11 06-4□□38-....		1	1 unit	103	70.000
I	800	800	85	B	3WL11 08-4□□38-....		1	1 unit	103	70.000
I	1000	1000		B	3WL11 10-4□□38-....		1	1 unit	103	70.000
I	1250	1250	85	B	3WL11 12-4□□38-....		1	1 unit	103	70.000
I	1600	1600		B	3WL11 16-4□□38-....		1	1 unit	103	70.000
I	2000	2000	85	B	3WL11 20-4□□38-....		1	1 unit	103	70.000
II	800	800	100	B	3WL12 08-4□□38-....		1	1 unit	103	91.000
II	1000	1000	100	B	3WL12 10-4□□38-....		1	1 unit	103	91.000
II	1250	1250	100	B	3WL12 12-4□□38-....		1	1 unit	103	91.000
II	1600	1600	100	B	3WL12 16-4□□38-....		1	1 unit	103	91.000
II	2000	2000	100	B	3WL12 20-4□□38-....		1	1 unit	103	91.000
II	2500	2500	100	B	3WL12 25-4□□38-....		1	1 unit	103	102.000
II	3200	3200	100	B	3WL12 32-4□□38-....		1	1 unit	103	113.000
III	4000	4000	100	B	3WL13 40-4□□38-....		1	1 unit	103	148.000
Non-automatic air circuit breakers³⁾										
without Electronic Trip Unit					Order No. supplements	AA	None			
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI ⁴⁾						BB	✓			
ETU25B: Protection functions LSI						CB	✓			
ETU45B: Protection functions LSIN ⁴⁾						EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display						FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display						NB	✓			
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾						DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾						EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display						FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display						NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)										
Manual operating mechanism with mechanical closing						1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										

✓ Additional price

For footnotes, see page 1/19.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

3-pole, withdrawable versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 150 kA at 500 V, very high breaking capacity C		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
A	A	kA	DT							kg
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)										
III	4000	4000	150 B	B	3WL13 40-5□□35-....		1	1 unit	103	88.000
III	5000	5000	150 B	B	3WL13 50-5□□35-....		1	1 unit	103	88.000
III	6300	6300	150 B	B	3WL13 63-5□□35-....		1	1 unit	103	96.000
With guide frames, horizontal main circuit connection										
III	4000	4000	150 B	B	3WL13 40-5□□36-....		1	1 unit	103	148.000
III	5000	5000	150 B	B	3WL13 50-5□□36-....		1	1 unit	103	148.000
With guide frames, vertical main circuit connection										
III	4000	4000	150 B	B	3WL13 40-5□□37-....		1	1 unit	103	148.000
III	5000	5000	150 B	B	3WL13 50-5□□37-....		1	1 unit	103	148.000
III	6300	6300	150 B	B	3WL13 63-5□□37-....		1	1 unit	103	166.000
Non-automatic air circuit breakers³⁾					Order No. supplements	Add. price				
without Electronic Trip Unit					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ⁴⁾					EB	✓				
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾					DG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)										
Manual operating mechanism with mechanical closing					1AA2	None				
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										

✓ Additional price

Footnotes for pages 1/14 to 1/19:

- The rated current is determined by the rating plug. For the standard version, the supplied module is equal to the maximum rated current. If a lower rated current is required, adaptation by order code on page 1/32.
- Z options which are installed on the guide frame are not available.
- For permissible rated short-time current I_{cs} and rated short-circuit making capacity I_{cm} for non-automatic air circuit breakers see page 1/5.
- Current transformers for protection of the N conductor and current transformers for detection of the ground-fault current in the grounded neutral point of the transformer are to be ordered separately, see page 1/42.
- Current transformers for protection of the N conductor are to be ordered separately, see page 1/42.
- ETU45B to ETU76B with ground-fault protection module GFM AT (alarm and tripping), see page 1/42.
- ETU15B cannot be used with 3WL circuit breakers, size III.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, fixed-mounted versions

Selection and ordering data

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx. kg
A	A	kA	DT							
Horizontal main circuit connection										
I	630	630	55	B	3WL11 06-2□□42-....		1	1 unit	103	50.000
I	800	800	55	B	3WL11 08-2□□42-....		1	1 unit	103	50.000
I	1000	1000	55	B	3WL11 10-2□□42-....		1	1 unit	103	50.000
I	1250	1250	55	B	3WL11 12-2□□42-....		1	1 unit	103	50.000
I	1600	1600	55	B	3WL11 16-2□□42-....		1	1 unit	103	50.000
I	2000	2000	55	B	3WL11 20-2□□42-....		1	1 unit	103	50.000
II	800	800	66	B	3WL12 08-2□□42-....		1	1 unit	103	67.000
II	1000	1000	66	B	3WL12 10-2□□42-....		1	1 unit	103	67.000
II	1250	1250	66	B	3WL12 12-2□□42-....		1	1 unit	103	67.000
II	1600	1600	66	B	3WL12 16-2□□42-....		1	1 unit	103	67.000
II	2000	2000	66	B	3WL12 20-2□□42-....		1	1 unit	103	67.000
II	2500	2500	66	B	3WL12 25-2□□42-....		1	1 unit	103	71.000
II	3200	3200	66	B	3WL12 32-2□□42-....		1	1 unit	103	77.000
Vertical main circuit connection										
I	630	630	55	B	3WL11 06-2□□41-....		1	1 unit	103	50.000
I	800	800	55	B	3WL11 08-2□□41-....		1	1 unit	103	50.000
I	1000	1000	55	B	3WL11 10-2□□41-....		1	1 unit	103	50.000
I	1250	1250	55	B	3WL11 12-2□□41-....		1	1 unit	103	50.000
I	1600	1600	55	B	3WL11 16-2□□41-....		1	1 unit	103	50.000
I	2000	2000	55	B	3WL11 20-2□□41-....		1	1 unit	103	50.000
II	800	800	66	B	3WL12 08-2□□41-....		1	1 unit	103	75.000
II	1000	1000	66	B	3WL12 10-2□□41-....		1	1 unit	103	75.000
II	1250	1250	66	B	3WL12 12-2□□41-....		1	1 unit	103	75.000
II	1600	1600	66	B	3WL12 16-2□□41-....		1	1 unit	103	75.000
II	2000	2000	66	B	3WL12 20-2□□41-....		1	1 unit	103	67.000
II	2500	2500	66	B	3WL12 25-2□□41-....		1	1 unit	103	71.000
II	3200	3200	66	B	3WL12 32-2□□41-....		1	1 unit	103	77.000
II	4000	4000	66	B	3WL12 40-2□□41-....		1	1 unit	103	103.000
Front main circuit connection, single hole										
I	630	630	55	B	3WL11 06-2□□43-....		1	1 unit	103	50.000
I	800	800	55	B	3WL11 08-2□□43-....		1	1 unit	103	50.000
I	1000	1000	55	B	3WL11 10-2□□43-....		1	1 unit	103	50.000
I	1250	1250	55	B	3WL11 12-2□□43-....		1	1 unit	103	50.000
I	1600	1600	55	B	3WL11 16-2□□43-....		1	1 unit	103	50.000
II	800	800	66	B	3WL12 08-2□□43-....		1	1 unit	103	67.000
II	1000	1000	66	B	3WL12 10-2□□43-....		1	1 unit	103	67.000
II	1250	1250	66	B	3WL12 12-2□□43-....		1	1 unit	103	67.000
II	1600	1600	66	B	3WL12 16-2□□43-....		1	1 unit	103	67.000
II	2000	2000	66	B	3WL12 20-2□□43-....		1	1 unit	103	67.000
II	2500	2500	66	B	3WL12 25-2□□43-....		1	1 unit	103	71.000
II	3200	3200	66	B	3WL12 32-2□□43-....		1	1 unit	103	77.000
Front main circuit connection, double hole										
I	630	630	55	B	3WL11 06-2□□44-....		1	1 unit	103	50.000
I	800	800	55	B	3WL11 08-2□□44-....		1	1 unit	103	50.000
I	1000	1000	55	B	3WL11 10-2□□44-....		1	1 unit	103	50.000
I	1250	1250	55	B	3WL11 12-2□□44-....		1	1 unit	103	50.000
I	1600	1600	55	B	3WL11 16-2□□44-....		1	1 unit	103	50.000
I	2000	2000	55	B	3WL11 20-2□□44-....		1	1 unit	103	50.000
II	800	800	66	B	3WL12 08-2□□44-....		1	1 unit	103	67.000
II	1000	1000	66	B	3WL12 10-2□□44-....		1	1 unit	103	67.000
II	1250	1250	66	B	3WL12 12-2□□44-....		1	1 unit	103	67.000
II	1600	1600	66	B	3WL12 16-2□□44-....		1	1 unit	103	67.000
II	2000	2000	66	B	3WL12 20-2□□44-....		1	1 unit	103	67.000
II	2500	2500	66	B	3WL12 25-2□□44-....		1	1 unit	103	71.000
II	3200	3200	66	B	3WL12 32-2□□44-....		1	1 unit	103	77.000

Non-automatic air circuit breakers²⁾ without Electronic Trip Unit

Electronic Trip Units

Versions without ground-fault protection

ETU15B: Protection functions LI
 ETU25B: Protection functions LS1
 ETU45B: Protection functions LSIN³⁾
 ETU45B: Protection functions LSIN³⁾ with 4-line display
 ETU76B: Protection functions LSIN³⁾ with graphics display

Versions with ground-fault protection

ETU27B: Protection functions LSING⁴⁾
 ETU45B: Protection functions LSING³⁾⁵⁾
 ETU45B: Protection functions LSING³⁾⁵⁾ with 4-line display
 ETU76B: Protection functions LSING³⁾⁵⁾ with graphics display

Order No. supplements

Add. price

AA

None

BB

✓

CB

✓

EB

✓

FB

✓

NB

✓

DG

✓

EG

✓

FG

✓

NG

✓

Standard Order No. supplements (for further Order No. supplements, see page 1/31)

Manual operating mechanism with mechanical closing
 Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO

1AA2

None

✓ Additional price
 For footnotes, see page 1/24.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, fixed-mounted versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 66/80 kA at 500 V, standard breaking capacity S		S	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx. kg
			kA	DT					
Horizontal main circuit connection									
I	630	630	66	B	3WL11 06-3□□42-....	1	1 unit	103	50.000
I	800	800	66	B	3WL11 08-3□□42-....	1	1 unit	103	50.000
I	1000	1000	66	B	3WL11 10-3□□42-....	1	1 unit	103	50.000
I	1250	1250	66	B	3WL11 12-3□□42-....	1	1 unit	103	50.000
I	1600	1600	66	B	3WL11 16-3□□42-....	1	1 unit	103	50.000
I	2000	2000	66	B	3WL11 20-3□□42-....	1	1 unit	103	50.000
II	800	800	80	B	3WL12 08-3□□42-....	1	1 unit	103	67.000
II	1000	1000	80	B	3WL12 10-3□□42-....	1	1 unit	103	67.000
II	1250	1250	80	B	3WL12 12-3□□42-....	1	1 unit	103	67.000
II	1600	1600	80	B	3WL12 16-3□□42-....	1	1 unit	103	67.000
II	2000	2000	80	B	3WL12 20-3□□42-....	1	1 unit	103	67.000
II	2500	2500	80	B	3WL12 25-3□□42-....	1	1 unit	103	71.000
II	3200	3200	80	B	3WL12 32-3□□42-....	1	1 unit	103	77.000
Vertical main circuit connection									
I	630	630	66	B	3WL11 06-3□□41-....	1	1 unit	103	50.000
I	800	800	66	B	3WL11 08-3□□41-....	1	1 unit	103	50.000
I	1000	1000	66	B	3WL11 10-3□□41-....	1	1 unit	103	50.000
I	1250	1250	66	B	3WL11 12-3□□41-....	1	1 unit	103	50.000
I	1600	1600	66	B	3WL11 16-3□□41-....	1	1 unit	103	50.000
I	2000	2000	66	B	3WL11 20-3□□41-....	1	1 unit	103	50.000
II	800	800	80	B	3WL12 08-3□□41-....	1	1 unit	103	67.000
II	1000	1000	80	B	3WL12 10-3□□41-....	1	1 unit	103	67.000
II	1250	1250	80	B	3WL12 12-3□□41-....	1	1 unit	103	67.000
II	1600	1600	80	B	3WL12 16-3□□41-....	1	1 unit	103	67.000
II	2000	2000	80	B	3WL12 20-3□□41-....	1	1 unit	103	67.000
II	2500	2500	80	B	3WL12 25-3□□41-....	1	1 unit	103	71.000
II	3200	3200	80	B	3WL12 32-3□□41-....	1	1 unit	103	77.000
II	4000	4000	80	B	3WL12 40-3□□41-....	1	1 unit	103	103.000
Front main circuit connection, single hole									
I	630	630	66	B	3WL11 06-3□□43-....	1	1 unit	103	50.000
I	800	800	66	B	3WL11 08-3□□43-....	1	1 unit	103	50.000
I	1000	1000	66	B	3WL11 10-3□□43-....	1	1 unit	103	50.000
I	1250	1250	66	B	3WL11 12-3□□43-....	1	1 unit	103	50.000
I	1600	1600	66	B	3WL11 16-3□□43-....	1	1 unit	103	50.000
II	800	800	80	B	3WL12 08-3□□43-....	1	1 unit	103	67.000
II	1000	1000	80	B	3WL12 10-3□□43-....	1	1 unit	103	67.000
II	1250	1250	80	B	3WL12 12-3□□43-....	1	1 unit	103	67.000
II	1600	1600	80	B	3WL12 16-3□□43-....	1	1 unit	103	67.000
II	2000	2000	80	B	3WL12 20-3□□43-....	1	1 unit	103	67.000
II	2500	2500	80	B	3WL12 25-3□□43-....	1	1 unit	103	71.000
II	3200	3200	80	B	3WL12 32-3□□43-....	1	1 unit	103	77.000
Front main circuit connection, double hole									
I	630	630	66	B	3WL11 06-3□□44-....	1	1 unit	103	50.000
I	800	800	66	B	3WL11 08-3□□44-....	1	1 unit	103	50.000
I	1000	1000	66	B	3WL11 10-3□□44-....	1	1 unit	103	50.000
I	1250	1250	66	B	3WL11 12-3□□44-....	1	1 unit	103	50.000
I	1600	1600	66	B	3WL11 16-3□□44-....	1	1 unit	103	50.000
I	2000	2000	66	B	3WL11 20-3□□44-....	1	1 unit	103	50.000
II	800	800	80	B	3WL12 08-3□□44-....	1	1 unit	103	67.000
II	1000	1000	80	B	3WL12 10-3□□44-....	1	1 unit	103	67.000
II	1250	1250	80	B	3WL12 12-3□□44-....	1	1 unit	103	67.000
II	1600	1600	80	B	3WL12 16-3□□44-....	1	1 unit	103	67.000
II	2000	2000	80	B	3WL12 20-3□□44-....	1	1 unit	103	67.000
II	2500	2500	80	B	3WL12 25-3□□44-....	1	1 unit	103	71.000
II	3200	3200	80	B	3WL12 32-3□□44-....	1	1 unit	103	77.000

Non-automatic air circuit breakers²⁾

without Electronic Trip Unit

Electronic Trip Units

Versions without ground-fault protection

- ETU15B: Protection functions LI
- ETU25B: Protection functions LSI
- ETU45B: Protection functions LSIN³⁾
- ETU45B: Protection functions LSIN³⁾ with 4-line display
- ETU76B: Protection functions LSIN³⁾ with graphics display

Versions with ground-fault protection

- ETU27B: Protection functions LSING⁴⁾
- ETU45B: Protection functions LSING³⁾⁵⁾
- ETU45B: Protection functions LSING³⁾⁵⁾ with 4-line display
- ETU76B: Protection functions LSING³⁾⁵⁾ with graphics display

Order No. supplements

Add. price

AA

None

BB

✓

CB

✓

EB

✓

FB

✓

NB

✓

DG

✓

EG

✓

FG

✓

NG

✓

Standard Order No. supplements (for further Order No. supplements, see page 1/31)

Manual operating mechanism with mechanical closing
Without 1st and 2nd auxiliary releases; aux. switch 2 NC + 2 NO

1AA2

None

✓ Additional price

For footnotes, see page 1/24.

* You can order this quantity or a multiple thereof.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, fixed-mounted versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
A	A	kA	DT	Order No.	Basic price per PU				kg	
Horizontal main circuit connection										
I	630	630	85	B	3WL11 06-4□□42-....		1	1 unit	103	50.000
I	800	800	85	B	3WL11 08-4□□42-....		1	1 unit	103	50.000
I	1000	1000	85	B	3WL11 10-4□□42-....		1	1 unit	103	50.000
I	1250	1250	85	B	3WL11 12-4□□42-....		1	1 unit	103	50.000
I	1600	1600	85	B	3WL11 16-4□□42-....		1	1 unit	103	50.000
I	2000	2000	85	B	3WL11 20-4□□42-....		1	1 unit	103	50.000
II	800	800	100	B	3WL12 08-4□□42-....		1	1 unit	103	67.000
II	1000	1000	100	B	3WL12 10-4□□42-....		1	1 unit	103	67.000
II	1250	1250	100	B	3WL12 12-4□□42-....		1	1 unit	103	67.000
II	1600	1600	100	B	3WL12 16-4□□42-....		1	1 unit	103	67.000
II	2000	2000	100	B	3WL12 20-4□□42-....		1	1 unit	103	67.000
II	2500	2500	100	B	3WL12 25-4□□42-....		1	1 unit	103	71.000
II	3200	3200	100	B	3WL12 32-4□□42-....		1	1 unit	103	77.000
III	4000	4000	100	B	3WL13 40-4□□42-....		1	1 unit	103	99.000
III	5000	5000	100	B	3WL13 50-4□□42-....		1	1 unit	103	99.000
Vertical main circuit connection										
I	630	630	85	B	3WL11 06-4□□41-....		1	1 unit	103	50.000
I	800	800	85	B	3WL11 08-4□□41-....		1	1 unit	103	50.000
I	1000	1000	85	B	3WL11 10-4□□41-....		1	1 unit	103	50.000
I	1250	1250	85	B	3WL11 12-4□□41-....		1	1 unit	103	50.000
I	1600	1600	85	B	3WL11 16-4□□41-....		1	1 unit	103	50.000
I	2000	2000	85	B	3WL11 20-4□□41-....		1	1 unit	103	50.000
II	800	800	100	B	3WL12 08-4□□41-....		1	1 unit	103	67.000
II	1000	1000	100	B	3WL12 10-4□□41-....		1	1 unit	103	67.000
II	1250	1250	100	B	3WL12 12-4□□41-....		1	1 unit	103	67.000
II	1600	1600	100	B	3WL12 16-4□□41-....		1	1 unit	103	67.000
II	2000	2000	100	B	3WL12 20-4□□41-....		1	1 unit	103	67.000
II	2500	2500	100	B	3WL12 25-4□□41-....		1	1 unit	103	71.000
II	3200	3200	100	B	3WL12 32-4□□41-....		1	1 unit	103	77.000
II	4000	4000	100	B	3WL12 40-4□□41-....		1	1 unit	103	103.000
III	4000	4000	100	B	3WL13 40-4□□41-....		1	1 unit	103	99.000
III	5000	5000	100	B	3WL13 50-4□□41-....		1	1 unit	103	99.000
III	6300	6300	100	B	3WL13 63-4□□41-....		1	1 unit	103	108.000

Non-automatic air circuit breakers²⁾

without Electronic Trip Unit

Order No. supplements

Add. price

AA

None

Electronic Trip Units

Versions without ground-fault protection

ETU15B: Protection functions LI⁶⁾

ETU25B: Protection functions LSI

ETU45B: Protection functions LSIN³⁾ETU45B: Protection functions LSIN³⁾ with 4-line displayETU76B: Protection functions LSIN³⁾ with graphics display

BB

CB

EB

FB

NB

✓

✓

✓

✓

✓

Versions with ground-fault protection

ETU27B: Protection functions LSING⁴⁾ETU45B: Protection functions LSING³⁾⁵⁾ETU45B: Protection functions LSING³⁾⁵⁾ with 4-line displayETU76B: Protection functions LSING³⁾⁵⁾ with graphics display

DG

EG

FG

NG

✓

✓

✓

✓

Standard Order No. supplements (for further Order No. supplements, see page 1/31)

Manual operating mechanism with mechanical closing

Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO

1AA2

None




✓ Additional price

For footnotes, see page 1/24.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, fixed-mounted versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
	A	A	kA	DT					kg	
Front main circuit connection, single hole										
II	800	800	100	B	3WL12 08-4□□43-....	1	1 unit	103	67.000	
II	1000	1000	100	B	3WL12 10-4□□43-....	1	1 unit	103	67.000	
II	1250	1250	100	B	3WL12 12-4□□43-....	1	1 unit	103	67.000	
II	1600	1600	100	B	3WL12 16-4□□43-....	1	1 unit	103	67.000	
II	2000	2000	100	B	3WL12 20-4□□43-....	1	1 unit	103	67.000	
II	2500	2500	100	B	3WL12 25-4□□43-....	1	1 unit	103	71.000	
II	3200	3200	100	B	3WL12 32-4□□43-....	1	1 unit	103	77.000	
III	4000	4000	100	B	3WL13 40-4□□43-....	1	1 unit	103	99.000	
Front main circuit connection, double hole										
I	630	630		85	B	3WL11 06-4□□44-....	1	1 unit	103	50.000
I	800	800		85	B	3WL11 08-4□□44-....	1	1 unit	103	50.000
I	1000	1000		85	B	3WL11 10-4□□44-....	1	1 unit	103	50.000
I	1250	1250		85	B	3WL11 12-4□□44-....	1	1 unit	103	50.000
I	1600	1600		85	B	3WL11 16-4□□44-....	1	1 unit	103	50.000
I	2000	2000		85	B	3WL11 20-4□□44-....	1	1 unit	103	50.000
II	800	800		100	B	3WL12 08-4□□44-....	1	1 unit	103	67.000
II	1000	1000		100	B	3WL12 10-4□□44-....	1	1 unit	103	67.000
II	1250	1250		100	B	3WL12 12-4□□44-....	1	1 unit	103	67.000
II	1600	1600		100	B	3WL12 16-4□□44-....	1	1 unit	103	67.000
II	2000	2000		100	B	3WL12 20-4□□44-....	1	1 unit	103	67.000
II	2500	2500		100	B	3WL12 25-4□□44-....	1	1 unit	103	71.000
II	3200	3200		100	B	3WL12 32-4□□44-....	1	1 unit	103	77.000
III	4000	4000		100	B	3WL13 40-4□□44-....	1	1 unit	103	99.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit					Order No. supplements	AA	None			
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI ⁶⁾						BB	✓			
ETU25B: Protection functions LSI						CB	✓			
ETU45B: Protection functions LSIN ³⁾						EB	✓			
ETU45B: Protection functions LSIN ³⁾ with 4-line display						FB	✓			
ETU76B: Protection functions LSIN ³⁾ with graphics display						NB	✓			
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾						DG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾						EG	✓			
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display						FG	✓			
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display						NG	✓			
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO						1AA2	None			

✓ Additional price

For footnotes, see page 1/24.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, fixed-mounted versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 130 kA at 500 V, very high breaking capacity C		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.
A	A	kA	DT							kg
Horizontal main circuit connection										
III	4000	4000	130	B	3WL13 40-5□□42-....		1	1 unit	103	99.000
III	5000	5000	130	B	3WL13 50-5□□42-....		1	1 unit	103	99.000
Vertical main circuit connection										
III	4000	4000	130	B	3WL13 40-5□□41-....		1	1 unit	103	99.000
III	5000	5000	130	B	3WL13 50-5□□41-....		1	1 unit	103	99.000
III	6300	6300	130	B	3WL13 63-5□□41-....		1	1 unit	103	108.000
Non-automatic air circuit breakers²⁾ without Electronic Trip Unit					Order No. supplements	Add. price				
					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ³⁾					EB	✓				
ETU45B: Protection functions LSIN ³⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ³⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁴⁾					DG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾					EG	✓				
ETU45B: Protection functions LSING ³⁾⁵⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ³⁾⁵⁾ with graphics display					NG	✓				
Standard Order No. supplements (for further Order No. supplements, see page 1/31)										
Manual operating mechanism with mechanical closing					1AA2	None				
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										

✓ Additional price

Footnotes for pages 1/20 to 1/24:

- 1) The rated current is determined by the rating plug. For the standard version, the supplied module is equal to the maximum rated current. If a lower rated current is required, adaptation by order code on page 1/32.
- 2) For permissible rated short-time current I_{cc} and rated short-circuit making capacity I_{cm} for non-automatic air circuit breakers see page 1/5.

- 3) Current transformers for protection of the N conductor and current transformers for detection of the ground-fault current in the grounded neutral point of the transformer are to be ordered separately, see page 1/42. The internal current transformers for N conductors can be ordered by adding the supplement "-Z" and the order code "F23", see page 1/34.
- 4) Current transformers for protection of the N conductor are to be ordered separately, see page 1/42.
- 5) ETU45B to ETU76B with ground-fault protection module GFM AT (alarm and tripping), see page 1/42.
- 6) ETU15B cannot be used with 3WL circuit breakers, size III.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions

Selection and ordering data

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		(N)	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.	
A	A	kA	DT	Order No. Order No. supplements, see page 1/31	Basic price per PU				kg	
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)										
I	630	630	55	B	3WL11 06-2□□45-....		1	1 unit	103	54.000
I	800	800	55	B	3WL11 08-2□□45-....		1	1 unit	103	54.000
I	1000	1000	55	B	3WL11 10-2□□45-....		1	1 unit	103	54.000
I	1250	1250	55	B	3WL11 12-2□□45-....		1	1 unit	103	54.000
I	1600	1600	55	B	3WL11 16-2□□45-....		1	1 unit	103	54.000
I	2000	2000	55	B	3WL11 20-2□□45-....		1	1 unit	103	54.000
II	800	800	66	B	3WL12 08-2□□45-....		1	1 unit	103	75.000
II	1000	1000	66	B	3WL12 10-2□□45-....		1	1 unit	103	75.000
II	1250	1250	66	B	3WL12 12-2□□45-....		1	1 unit	103	75.000
II	1600	1600	66	B	3WL12 16-2□□45-....		1	1 unit	103	75.000
II	2000	2000	66	B	3WL12 20-2□□45-....		1	1 unit	103	72.000
II	2500	2500	66	B	3WL12 25-2□□45-....		1	1 unit	103	76.000
II	3200	3200	66	B	3WL12 32-2□□45-....		1	1 unit	103	82.000
With guide frames, horizontal main circuit connection										
I	630	630	55	B	3WL11 06-2□□46-....		1	1 unit	103	84.000
I	800	800	55	B	3WL11 08-2□□46-....		1	1 unit	103	84.000
I	1000	1000	55	B	3WL11 10-2□□46-....		1	1 unit	103	84.000
I	1250	1250	55	B	3WL11 12-2□□46-....		1	1 unit	103	84.000
I	1600	1600	55	B	3WL11 16-2□□46-....		1	1 unit	103	84.000
I	2000	2000	55	B	3WL11 20-2□□46-....		1	1 unit	103	84.000
II	800	800	66	B	3WL12 08-2□□46-....		1	1 unit	103	109.000
II	1000	1000	66	B	3WL12 10-2□□46-....		1	1 unit	103	109.000
II	1250	1250	66	B	3WL12 12-2□□46-....		1	1 unit	103	109.000
II	1600	1600	66	B	3WL12 16-2□□46-....		1	1 unit	103	109.000
II	2000	2000	66	B	3WL12 20-2□□46-....		1	1 unit	103	109.000
II	2500	2500	66	B	3WL12 25-2□□46-....		1	1 unit	103	123.000
II	3200	3200	66	B	3WL12 32-2□□46-....		1	1 unit	103	136.000

Non-automatic air circuit breakers³⁾

without Electronic Trip Unit

Order No. supplements

Add. price

AA

None

Electronic Trip Units**Versions without ground-fault protection**

ETU15B: Protection functions LI

BB

✓

ETU25B: Protection functions LSI

CB

✓

ETU45B: Protection functions LSIN⁴⁾

EB

✓

ETU45B: Protection functions LSIN⁴⁾ with 4-line display

FB

✓

ETU76B: Protection functions LSIN⁴⁾ with graphics display

NB

✓

Versions with ground-fault protectionETU27B: Protection functions LSING⁵⁾

DG

✓

ETU45B: Protection functions LSING⁴⁾⁶⁾

EG

✓

ETU45B: Protection functions LSING⁴⁾⁶⁾ with 4-line display

FG

✓

ETU76B: Protection functions LSING⁴⁾⁶⁾ with graphics display

NG

✓

Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)

Manual operating mechanism with mechanical closing

1AA2

None

✓ Additional price

For footnotes, see page 1/30.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions

Size	Max. rated circuit breaker current I_n max.	Rated current ¹⁾ I_n	I_{cu} up to 55/66 kA at 500 V, ECO breaking capacity N		Order No. Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.
			kA	DT						
With guide frames, vertical main circuit connection										
I	630	630	55	B	3WL11 06-2□□47-....		1	1 unit	103	84.000
I	800	800	55	B	3WL11 08-2□□47-....		1	1 unit	103	84.000
I	1000	1000	55	B	3WL11 10-2□□47-....		1	1 unit	103	84.000
I	1250	1250	55	B	3WL11 12-2□□47-....		1	1 unit	103	84.000
I	1600	1600	55	B	3WL11 16-2□□47-....		1	1 unit	103	84.000
I	2000	2000	55	B	3WL11 20-2□□47-....		1	1 unit	103	84.000
II	800	800	66	B	3WL12 08-2□□47-....		1	1 unit	103	109.000
II	1000	1000	66	B	3WL12 10-2□□47-....		1	1 unit	103	109.000
II	1250	1250	66	B	3WL12 12-2□□47-....		1	1 unit	103	109.000
II	1600	1600	66	B	3WL12 16-2□□47-....		1	1 unit	103	109.000
II	2000	2000	66	B	3WL12 20-2□□47-....		1	1 unit	103	109.000
II	2500	2500	66	B	3WL12 25-2□□47-....		1	1 unit	103	123.000
II	3200	3200	66	B	3WL12 32-2□□47-....		1	1 unit	103	136.000
II	4000	4000	66	B	3WL12 40-2□□47-....		1	1 unit	103	146.000
With guide frames, connecting flanges										
I	630	630	55	B	3WL11 06-2□□48-....		1	1 unit	103	84.000
I	800	800	55	B	3WL11 08-2□□48-....		1	1 unit	103	84.000
I	1000	1000	55	B	3WL11 10-2□□48-....		1	1 unit	103	84.000
I	1250	1250	55	B	3WL11 12-2□□48-....		1	1 unit	103	84.000
I	1600	1600	55	B	3WL11 16-2□□48-....		1	1 unit	103	84.000
I	2000	2000	55	B	3WL11 20-2□□48-....		1	1 unit	103	84.000
II	800	800	66	B	3WL12 08-2□□48-....		1	1 unit	103	109.000
II	1000	1000	66	B	3WL12 10-2□□48-....		1	1 unit	103	109.000
II	1250	1250	66	B	3WL12 12-2□□48-....		1	1 unit	103	109.000
II	1600	1600	66	B	3WL12 16-2□□48-....		1	1 unit	103	109.000
II	2000	2000	66	B	3WL12 20-2□□48-....		1	1 unit	103	109.000
II	2500	2500	66	B	3WL12 25-2□□48-....		1	1 unit	103	123.000
II	3200	3200	66	B	3WL12 32-2□□48-....		1	1 unit	103	136.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit					Order No. supplements	AA	None			
Electronic Trip Units										
Versions without ground-fault protection										
ETU15B: Protection functions LI						BB	✓			
ETU25B: Protection functions LSI						CB	✓			
ETU45B: Protection functions LSIN ⁴⁾						EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display						FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display						NB	✓			
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾						DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾						EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display						FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display						NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)										
Manual operating mechanism with mechanical closing						1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO										

✓ Additional price

For footnotes, see page 1/30.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions









Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 66/80 kA at 500 V, standard breaking capacity S		S	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
			Order No.	Order No. supplements, see page 1/31	Basic price per PU				
	A	A	kA	DT					kg
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)									
I	630	630	66	B	3WL11 06-3□□45-....	1	1 unit	103	54.000
I	800	800	66	B	3WL11 08-3□□45-....	1	1 unit	103	54.000
I	1000	1000	66	B	3WL11 10-3□□45-....	1	1 unit	103	54.000
I	1250	1250	66	B	3WL11 12-3□□45-....	1	1 unit	103	54.000
I	1600	1600	66	B	3WL11 16-3□□45-....	1	1 unit	103	54.000
I	2000	2000	66	B	3WL11 20-3□□45-....	1	1 unit	103	54.000
II	800	800	80	B	3WL12 08-3□□45-....	1	1 unit	103	72.000
II	1000	1000	80	B	3WL12 10-3□□45-....	1	1 unit	103	72.000
II	1250	1250	80	B	3WL12 12-3□□45-....	1	1 unit	103	72.000
II	1600	1600	80	B	3WL12 16-3□□45-....	1	1 unit	103	72.000
II	2000	2000	80	B	3WL12 20-3□□45-....	1	1 unit	103	72.000
II	2500	2500	80	B	3WL12 25-3□□45-....	1	1 unit	103	76.000
II	3200	3200	80	B	3WL12 32-3□□45-....	1	1 unit	103	82.000
With guide frames, horizontal main circuit connection									
I	630	630	66	B	3WL11 06-3□□46-....	1	1 unit	103	84.000
I	800	800	66	B	3WL11 08-3□□46-....	1	1 unit	103	84.000
I	1000	1000	66	B	3WL11 10-3□□46-....	1	1 unit	103	84.000
I	1250	1250	66	B	3WL11 12-3□□46-....	1	1 unit	103	84.000
I	1600	1600	66	B	3WL11 16-3□□46-....	1	1 unit	103	84.000
I	2000	2000	66	B	3WL11 20-3□□46-....	1	1 unit	103	84.000
II	800	800	80	B	3WL12 08-3□□46-....	1	1 unit	103	109.000
II	1000	1000	80	B	3WL12 10-3□□46-....	1	1 unit	103	109.000
II	1250	1250	80	B	3WL12 12-3□□46-....	1	1 unit	103	109.000
II	1600	1600	80	B	3WL12 16-3□□46-....	1	1 unit	103	109.000
II	2000	2000	80	B	3WL12 20-3□□46-....	1	1 unit	103	109.000
II	2500	2500	80	B	3WL12 25-3□□46-....	1	1 unit	103	123.000
II	3200	3200	80	B	3WL12 32-3□□46-....	1	1 unit	103	136.000
With guide frames, vertical main circuit connection									
I	630	630	66	B	3WL11 06-3□□47-....	1	1 unit	103	84.000
I	800	800	66	B	3WL11 08-3□□47-....	1	1 unit	103	84.000
I	1000	1000	66	B	3WL11 10-3□□47-....	1	1 unit	103	84.000
I	1250	1250	66	B	3WL11 12-3□□47-....	1	1 unit	103	84.000
I	1600	1600	66	B	3WL11 16-3□□47-....	1	1 unit	103	84.000
I	2000	2000	66	B	3WL11 20-3□□47-....	1	1 unit	103	84.000
II	800	800	80	B	3WL12 08-3□□47-....	1	1 unit	103	109.000
II	1000	1000	80	B	3WL12 10-3□□47-....	1	1 unit	103	109.000
II	1250	1250	80	B	3WL12 12-3□□47-....	1	1 unit	103	109.000
II	1600	1600	80	B	3WL12 16-3□□47-....	1	1 unit	103	109.000
II	2000	2000	80	B	3WL12 20-3□□47-....	1	1 unit	103	109.000
II	2500	2500	80	B	3WL12 25-3□□47-....	1	1 unit	103	123.000
II	3200	3200	80	B	3WL12 32-3□□47-....	1	1 unit	103	136.000
II	4000	4000	80	B	3WL12 40-3□□47-....	1	1 unit	103	146.000
With guide frames, connecting flanges									
I	630	630	66	B	3WL11 06-3□□48-....	1	1 unit	103	84.000
I	800	800	66	B	3WL11 08-3□□48-....	1	1 unit	103	84.000
I	1000	1000	66	B	3WL11 10-3□□48-....	1	1 unit	103	84.000
I	1250	1250	66	B	3WL11 12-3□□48-....	1	1 unit	103	84.000
I	1600	1600	66	B	3WL11 16-3□□48-....	1	1 unit	103	84.000
I	2000	2000	66	B	3WL11 20-3□□48-....	1	1 unit	103	84.000
II	800	800	80	B	3WL12 08-3□□48-....	1	1 unit	103	109.000
II	1000	1000	80	B	3WL12 10-3□□48-....	1	1 unit	103	109.000
II	1250	1250	80	B	3WL12 12-3□□48-....	1	1 unit	103	109.000
II	1600	1600	80	B	3WL12 16-3□□48-....	1	1 unit	103	109.000
II	2000	2000	80	B	3WL12 20-3□□48-....	1	1 unit	103	109.000
II	2500	2500	80	B	3WL12 25-3□□48-....	1	1 unit	103	123.000
II	3200	3200	80	B	3WL12 32-3□□48-....	1	1 unit	103	136.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit					Order No. supplements	Add. price			
					AA	None			
Electronic Trip Units									
Versions without ground-fault protection									
ETU15B: Protection functions LI					BB	✓			
ETU25B: Protection functions LSI					CB	✓			
ETU45B: Protection functions LSIN ⁴⁾					EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓			
Versions with ground-fault protection									
ETU27B: Protection functions LSING ⁵⁾					DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)									
Manual operating mechanism with mechanical closing					1AA2	None	✓ Additional price		
Without 1st and 2nd auxiliary releases; aux. switch 2 NC + 2 NO					For footnotes, see page 1/30.				

* You can order this quantity or a multiple thereof.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
			Order No.	Order No. supplements, see page 1/31	Basic price per PU				
	A	A	kA	DT					kg
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)									
I	630	630	 85	B	3WL11 06-4□□45-....	1	1 unit	103	54.000
I	800	800	85	B	3WL11 08-4□□45-....	1	1 unit	103	54.000
I	1000	1000	 85	B	3WL11 10-4□□45-....	1	1 unit	103	54.000
I	1250	1250	 85	B	3WL11 12-4□□45-....	1	1 unit	103	54.000
I	1600	1600	85	B	3WL11 16-4□□45-....	1	1 unit	103	54.000
I	2000	2000	 85	B	3WL11 20-4□□45-....	1	1 unit	103	54.000
II	800	800	100	B	3WL12 08-4□□45-....	1	1 unit	103	72.000
II	1000	1000	100	B	3WL12 10-4□□45-....	1	1 unit	103	72.000
II	1250	1250	100	B	3WL12 12-4□□45-....	1	1 unit	103	72.000
II	1600	1600	100	B	3WL12 16-4□□45-....	1	1 unit	103	72.000
II	2000	2000	100	B	3WL12 20-4□□45-....	1	1 unit	103	72.000
II	2500	2500	100	B	3WL12 25-4□□45-....	1	1 unit	103	76.000
II	3200	3200	100	B	3WL12 32-4□□45-....	1	1 unit	103	82.000
III	4000	4000	100	B	3WL13 40-4□□45-....	1	1 unit	103	106.000
III	5000	5000	100	B	3WL13 50-4□□45-....	1	1 unit	103	106.000
III	6300	6300	100	B	3WL13 63-4□□45-....	1	1 unit	103	108.000
With guide frames, horizontal main circuit connection									
I	630	630	 85	B	3WL11 06-4□□46-....	1	1 unit	103	84.000
I	800	800	85	B	3WL11 08-4□□46-....	1	1 unit	103	84.000
I	1000	1000	 85	B	3WL11 10-4□□46-....	1	1 unit	103	84.000
I	1250	1250	 85	B	3WL11 12-4□□46-....	1	1 unit	103	84.000
I	1600	1600	85	B	3WL11 16-4□□46-....	1	1 unit	103	84.000
I	2000	2000	 85	B	3WL11 20-4□□46-....	1	1 unit	103	84.000
II	800	800	100	B	3WL12 08-4□□46-....	1	1 unit	103	109.000
II	1000	1000	100	B	3WL12 10-4□□46-....	1	1 unit	103	109.000
II	1250	1250	100	B	3WL12 12-4□□46-....	1	1 unit	103	109.000
II	1600	1600	100	B	3WL12 16-4□□46-....	1	1 unit	103	109.000
II	2000	2000	100	B	3WL12 20-4□□46-....	1	1 unit	103	109.000
II	2500	2500	100	B	3WL12 25-4□□46-....	1	1 unit	103	123.000
II	3200	3200	100	B	3WL12 32-4□□46-....	1	1 unit	103	136.000
III	4000	4000	100	B	3WL13 40-4□□46-....	1	1 unit	103	190.000
III	5000	5000	100	B	3WL13 50-4□□46-....	1	1 unit	103	190.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit									
					Order No. supplements	Add. price			
					AA	None			
Electronic Trip Units									
Versions without ground-fault protection									
ETU15B: Protection functions LI ⁷⁾					BB	✓			
ETU25B: Protection functions LSI					CB	✓			
ETU45B: Protection functions LSIN ⁴⁾					EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓			
Versions with ground-fault protection									
ETU27B: Protection functions LSING ⁵⁾					DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)									
Manual operating mechanism with mechanical closing					1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO									

✓ Additional price

For footnotes, see page 1/30.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 100 kA at 500 V, high breaking capacity H		(H)	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
			Order No.	Order No. supplements, see page 1/31	Basic price per PU				
	A	A	kA	DT					kg
With guide frames, vertical main circuit connection									
I	630	630	85	B	3WL11 06-4□□47-....	1	1 unit	103	84.000
I	800	800	NEW 85	B	3WL11 08-4□□47-....	1	1 unit	103	84.000
I	1000	1000	NEW 85	B	3WL11 10-4□□47-....	1	1 unit	103	84.000
I	1250	1250	85	B	3WL11 12-4□□47-....	1	1 unit	103	84.000
I	1600	1600	NEW 85	B	3WL11 16-4□□47-....	1	1 unit	103	84.000
I	2000	2000	85	B	3WL11 20-4□□47-....	1	1 unit	103	84.000
II	800	800	100	B	3WL12 08-4□□47-....	1	1 unit	103	109.000
II	1000	1000	100	B	3WL12 10-4□□47-....	1	1 unit	103	109.000
II	1250	1250	100	B	3WL12 12-4□□47-....	1	1 unit	103	109.000
II	1600	1600	100	B	3WL12 16-4□□47-....	1	1 unit	103	109.000
II	2000	2000	100	B	3WL12 20-4□□47-....	1	1 unit	103	109.000
II	2500	2500	100	B	3WL12 25-4□□47-....	1	1 unit	103	123.000
II	3200	3200	100	B	3WL12 32-4□□47-....	1	1 unit	103	136.000
II	4000	4000	100	B	3WL12 40-4□□47-....	1	1 unit	103	146.000
III	4000	4000	100	B	3WL13 40-4□□47-....	1	1 unit	103	190.000
III	5000	5000	100	B	3WL13 50-4□□47-....	1	1 unit	103	190.000
III	6300	6300	100	B	3WL13 63-4□□47-....	1	1 unit	103	227.000
With guide frames, connecting flanges									
I	630	630	NEW 85	B	3WL11 06-4□□48-....	1	1 unit	103	84.000
I	800	800	85	B	3WL11 08-4□□48-....	1	1 unit	103	84.000
I	1000	1000	NEW 85	B	3WL11 10-4□□48-....	1	1 unit	103	84.000
I	1250	1250	85	B	3WL11 12-4□□48-....	1	1 unit	103	84.000
I	1600	1600	85	B	3WL11 16-4□□48-....	1	1 unit	103	84.000
I	2000	2000	NEW 85	B	3WL11 20-4□□48-....	1	1 unit	103	84.000
II	800	800	100	B	3WL12 08-4□□48-....	1	1 unit	103	109.000
II	1000	1000	100	B	3WL12 10-4□□48-....	1	1 unit	103	109.000
II	1250	1250	100	B	3WL12 12-4□□48-....	1	1 unit	103	109.000
II	1600	1600	100	B	3WL12 16-4□□48-....	1	1 unit	103	109.000
II	2000	2000	100	B	3WL12 20-4□□48-....	1	1 unit	103	109.000
II	2500	2500	100	B	3WL12 25-4□□48-....	1	1 unit	103	123.000
II	3200	3200	100	B	3WL12 32-4□□48-....	1	1 unit	103	136.000
III	4000	4000	100	B	3WL13 40-4□□48-....	1	1 unit	103	190.000
Non-automatic air circuit breakers³⁾					Order No. supplements	Add. price			
without Electronic Trip Unit					AA	None			
Electronic Trip Units									
Versions without ground-fault protection									
ETU15B: Protection functions LI ⁷⁾					BB	✓			
ETU25B: Protection functions LSI					CB	✓			
ETU45B: Protection functions LSIN ⁴⁾					EB	✓			
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓			
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓			
Versions with ground-fault protection									
ETU27B: Protection functions LSING ⁵⁾					DG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓			
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓			
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓			
Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)									
Manual operating mechanism with mechanical closing					1AA2	None			
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO									

✓ Additional price

For footnotes, see page 1/30.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

4-pole, withdrawable versions

Size	Max. rated circuit breaker current $I_{n \max}$	Rated current ¹⁾ I_n	I_{cu} up to 130 kA at 500 V, very high breaking capacity C		Order No. supplements, see page 1/31	Basic price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
	A	A	kA	DT						kg
Without guide frames²⁾ (for guide frames, see page 1/38 to 1/41)										
III	4000	4000	130	B	3WL13 40-5□□45-....		1	1 unit	103	115.000
III	5000	5000	130	B	3WL13 50-5□□45-....		1	1 unit	103	106.000
III	6300	6300	130	B	3WL13 63-5□□45-....		1	1 unit	103	108.000
With guide frames, horizontal main circuit connection										
III	4000	4000	130	B	3WL13 40-5□□46-....		1	1 unit	103	190.000
III	5000	5000	130	B	3WL13 50-5□□46-....		1	1 unit	103	190.000
With guide frames, vertical main circuit connection										
III	4000	4000	130	B	3WL13 40-5□□47-....		1	1 unit	103	190.000
III	5000	5000	130	B	3WL13 50-5□□47-....		1	1 unit	103	190.000
III	6300	6300	130	B	3WL13 63-5□□47-....		1	1 unit	103	227.000
Non-automatic air circuit breakers³⁾ without Electronic Trip Unit										
					Order No. supplements	Add. price				
					AA	None				
Electronic Trip Units										
Versions without ground-fault protection										
ETU25B: Protection functions LSI					CB	✓				
ETU45B: Protection functions LSIN ⁴⁾					EB	✓				
ETU45B: Protection functions LSIN ⁴⁾ with 4-line display					FB	✓				
ETU76B: Protection functions LSIN ⁴⁾ with graphics display					NB	✓				
Versions with ground-fault protection										
ETU27B: Protection functions LSING ⁵⁾					DG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾					EG	✓				
ETU45B: Protection functions LSING ⁴⁾⁶⁾ with 4-line display					FG	✓				
ETU76B: Protection functions LSING ⁴⁾⁶⁾ with graphics display					NG	✓				

Standard Order No. supplements (for further Order No. supplements for circuit breakers and guide frames, see page 1/31)

Manual operating mechanism with mechanical closing
Without 1st and 2nd auxiliary releases; auxiliary switch 2 NC + 2 NO

1AA2

None

✓ Additional price

Footnotes for pages 1/25 to 1/30:

- The rated current is determined by the rating plug. For the standard version, the supplied module is equal to the maximum rated current. If a lower rated current is required, adaptation by order code on page 1/32.
- Z options which are installed on the guide frame are not available.
- For permissible rated short-time current I_{cc} and rated short-circuit making capacity I_{cm} for non-automatic air circuit breakers see page 1/5.
- Current transformers for protection of the N conductor and current transformers for detection of the ground-fault current in the grounded neutral point of the transformer are to be ordered separately, see page 1/42. The internal current transformers for N conductors can be ordered by adding the supplement "-Z" and the order code "F23", see page 1/34.
- Current transformers for protection of the N conductor are to be ordered separately, see page 1/42.
- ETU45B to ETU76B with ground-fault protection module GFM AT (alarm and tripping), see page 1/42.
- ETU15B cannot be used with 3WL circuit breakers, size III.

Selection and ordering data



	Order No. supplement	Additional price
Operating mechanism		
Manual operating mechanism with mechanical closing	1	None
Manual operating mechanism with mechanical and electrical closing, closing coil suitable for uninterrupted duty, 100 % OP		
Closing coil		
50/60 Hz V AC	V DC	
110	110 ... 125	✓
230	220	✓
Manual/motorized operating mechanism with mechanical and electrical closing, closing coil suitable for uninterrupted duty, 100 % OP		
Motor	Closing coil	
50/60 Hz V AC	V DC	50/60 Hz V AC
208 ... 240	220 ... 250	230
110 ... 127	110 ... 125	110
--	24	--
		24
		220
		110 ... 125
		24
To order different voltages for motorized operating mechanism and closing coil or closing coil for synchronization purposes: "1" at the 13th digit of the Order No. and order codes, see page 1/33 .		
1. Auxiliary releases		
Without 1st auxiliary release	A	None
Shunt release suitable for uninterrupted duty, 100 % OP		
Operating range $0.85 \dots 1.1 \times U_s$		
U_s 50/60 Hz V AC	U_s V DC	
--	24	✓
--	30	✓
--	48	✓
--	60	✓
110 ... 127	110 ... 125	✓
208 ... 240	220 ... 250	✓
2. Auxiliary releases		
Without 2nd auxiliary release	A	None
Shunt release suitable for uninterrupted duty, 100 % OP		
Operating range $0.85 \dots 1.1 \times U_s$		
U_s 50/60 Hz V AC	U_s V DC	
--	24	✓
--	30	✓
--	48	✓
--	60	✓
110 ... 127	110 ... 125	✓
208 ... 240	220 ... 250	✓
Undervoltage release, instantaneous (≤ 80 ms), short-delay (≤ 200 ms)		
Operating range $0.85 \dots 1.1 \times U_s$		
U_s 50/60 Hz V AC	U_s V DC	
--	24	✓
--	30	✓
--	48	✓
--	60	✓
110 ... 127	110 ... 125	✓
208 ... 240	220 ... 250	✓
380 ... 415	--	✓
Undervoltage release, can be delayed between 0.2 s and 3.2 s		
Operating range $0.85 \dots 1.1 \times U_s$		
U_s 50/60 Hz V AC	U_s V DC	
--	48	✓
110 ... 127	110 ... 125	✓
208 ... 240	220 ... 250	✓
380 ... 415	--	✓
Auxiliary switches		
1. auxiliary switch block	2	None
2 NO + 2 NC		
1. + 2. auxiliary switch block	4	✓
4 NO + 4 NC		
6 NO + 2 NC	7	✓
5 NO + 3 NC	8	✓

✓ Additional price

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Options

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).			Order No. with "-Z" 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 3WL - Z and additional order code(s) □ □ □ + +	Additional price
			Code for "Further versions" -Z	
Operating manuals				
Printed version				
	French/Italian	A 1 1		✓
	Spanish/Portuguese	A 1 2		✓
Rated voltage 1000 V AC and 690 V IT networks				
Only for circuit breakers with high breaking capacity H (8th digit of the Order No. is a "4") Cannot be combined with "Rated voltage 1150 V AC order code "A15".				Add. price 3-pole Add. price 4-pole
Size I ¹⁾	 Up to 2000 A	A 0 5		✓
Size II ¹⁾	Up to 2000 A	A 0 5		✓
	2500 A	A 0 5		✓
	3200 A	A 0 5		✓
Size III ¹⁾²⁾	4000 A	A 0 5		✓
	5000 A	A 0 5		✓
	6300 A	A 0 5		✓
Rated voltage and insulating voltage 1150 V AC				
Only for circuit breakers with high breaking capacity H (8th digit of the Order No. is a "4") Cannot be combined with "Rated voltage 1000 V AC order code "A05".				
Size II	Up to 2000 A	A 1 5		✓
	2500 A	A 1 5		✓
	3200 A	A 1 5		✓
	4000 A	A 1 5		✓
For size III select a circuit breaker with very high breaking capacity C, which can be used as standard up to 1150 V AC.				
Rated voltage 690 V AC (+ 20 %)				
Only for 3WL11 circuit breakers, size I, with high breaking capacity H (8th digit of the Order No. is a "4").				
Size I	 Up to 2000 A	A 1 6		✓
Tinned version of the customer's connections on the guide frame³⁾⁴⁾				
Only for circuit breakers in withdrawable version with horizontal connection or flange connection. The normal delivery time increases to 15 work days.				
Size I		A 0 8		✓
Size II		A 0 8		✓
Size III		A 0 8		✓
Special packaging (moisture protection)				
Special packaging for extended technical requirements				
Cardboard packaging with water-repellent coating on corrugated cardboard (moisture protection)			A 6 1	✓
Rating plugs				
				Additional price
	Rated current I_n A			
Only one module is possible per circuit breaker (not in conjunction with Electronic Trip Unit ETU15B). As standard the overcurrent releases are equipped with a rating plug which is equal to the maximum rated circuit breaker current ($I_{n\max}$). The rated current of the selected rating plug must be smaller than $I_{n\max}$.	For size I, II	250	B 0 2	None
		315	B 0 3	None
		400	B 0 4	None
		500	B 0 5	None
		630	B 0 6	None
	800	B 0 8	None	
	1000	B 1 0	None	
For size I, II, III		1250	B 1 2	None
		1600	B 1 6	None
	For size II, III	2000	B 2 0	None
		2500	B 2 5	None
	3200	B 3 2	None	
	4000	B 4 0	None	
For size III		5000	B 5 0	None
		6300	B 6 3	None

✓ Additional price

1) If ordering withdrawable circuit breaker and guide frame separately, specify order code "A05" for withdrawable circuit breaker and guide frame.

2) Not necessary for circuit breakers with very high breaking capacity C as these circuit breakers can be used as standard up to 1150 V AC.

3) Front connections are tinned as standard.

4) The permissible temperature-rise limits according to IEC 60947-2 are 5 K lower for a tin surface than for a silver surface.

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Options

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).		Order No. with "-Z" 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 3WL -Z and additional order code(s) □ □ □ + . . . + . . .	Additional price
		Code for "Further versions" -Z	
Indication/operator control elements, door sealing frames			
5-digit mechanical operating cycles counter¹⁾		C 0 1	✓
Electrical ON button in the operator panel²⁾ Possible only for circuit breakers with closing coil.	Button with sealing cap	C 1 1	✓
	Key operation with lock CES	C 1 2	✓
Storage status signaling switch²⁾ (S21)	1 NO contact	C 2 0	✓
Ready-to-close signaling switch (S20)	1 NO contact	C 2 2	✓
Signaling switches²⁾	For the first auxiliary release (S22)	C 2 6	✓
	For the second auxiliary release (S23)	C 2 7	✓
Motor shutdown switch in the operator panel³⁾		S 2 5	✓
EMERGENCY-STOP pushbuttons	Mushroom pushbutton instead of the mechanical OFF pushbutton	S 2 4	✓
Door sealing frames		T 4 0	✓
Reclosing lockout and remote resets			
Automatic reset of the reclosing lockout		K 0 1	✓
Tripped signaling switch²⁾⁴⁾	1 CO contact	K 0 7	✓
Remote reset solenoid for displays and reset buttons including automatic reset of the reclosing lockout			
50/60 Hz V AC	V DC		
--	24	K 1 0	✓
--	48	K 1 1	✓
120	125	K 1 2	✓
208 ... 250	208 ... 250	K 1 3	✓
Motorized operating mechanisms and closing/opening coils			
Motorized operating mechanism Only possible if the 13th digit of the Order No. = "1"			
Motor			
50/60 Hz V AC	V DC		
--	24 ... 30	M 0 1	✓
--	48 ... 60	M 0 3	✓
110 ... 127	110 ... 125	M 0 5	✓
208 ... 240	220 ... 250	M 0 6	✓
Closing coil suitable for uninterrupted duty, 100 % OP Only possible if the 13th digit of the Order No. = "1"			
Activation coils			
50/60 Hz V AC	V DC		
--	24	M 2 1	✓
--	30	M 2 2	✓
--	48	M 2 3	✓
--	60	M 2 4	✓
110 ... 127	110 ... 125	M 2 5	✓
208 ... 240	220 ... 250	M 2 6	✓
Closing coils⁵⁾ unsuitable for uninterrupted duty, 5 % OP, synchroniz. Only possible if the 13th digit of the Order No. = "1"			
Activation coils			
50/60 Hz V AC	V DC		
--	24	M 3 1	✓
--	48	M 3 3	✓
110 ... 127	110 ... 125	M 3 5	✓
208 ... 240	220 ... 250	M 3 6	✓
Opening coils (shunt release)⁶⁾⁷⁾ Not suitable for uninterrupted duty, 5% OP, synchronizable			
Activation coils			
50/60 Hz V AC	V DC		
--	24	M 4 1	✓
--	48	M 4 3	✓
110 ... 127	110 ... 125	M 4 5	✓
208 ... 240	220 ... 250	M 4 6	✓

✓ Additional price

1) Only possible with motorized operating mechanism.

2) Not possible with communications interface option, order code "F02" or "F12".

3) Only for switches with motorized operating mechanism, not possible with order codes "C11", "C12".

4) Not available for non-automatic air circuit breakers.

5) Overexcited, i. e. opening time 50 ms (standard > 80 ms).

6) Only possible if the 14th position of the Order No. for the circuit breaker is "A", i. e. "without 1st auxiliary release".

7) Overexcited, i. e. operating time 50 ms (standard > 80 ms).

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Options

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).			Order No. with "-Z"											Additional price					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			3WL -Z																
			and additional order code(s)																
			□□□ + +																
			Code for "Further versions"																
			-Z																
			Order code for fixed-mounted version										Order code for withdrawable version						
Interlocks, covers, position signaling switches			□ □ □										□ □ □						
Mutual mechanical interlockings (interlocking module with Bowden wire 2 m)			Fixed-mounted circuit breakers			S 5 5						R 5 5						✓	
			For withdrawable circuit breakers with guide frame			---						R 5 6						✓	
			For guide frames			---						R 5 7						✓	
			For withdrawable circuit breakers			---						R 1 0						✓	
Arc chute covers			3-pole			---						R 1 0						✓	
Not available for			Size I			---						R 1 0						✓	
- 1000 V version			Size II			---						R 1 0						✓	
(order code "A05")			Size III			---						R 1 0						✓	
- DC version			4-pole			---						R 1 0						✓	
- 4000 A size II			Size I			---						R 1 0						✓	
- 1150 V version			Size II			---						R 1 0						✓	
(order code "A15")			Size III			---						R 1 0						✓	
- 150 kA version, size III																			
Shutters			3-pole			---						R 2 1						✓	
2-part			Size I			---						R 2 1						✓	
lockable			Size II			---						R 2 1						✓	
with padlocks ¹⁾			Size III			---						R 2 1						✓	
			4-pole			---						R 2 1						✓	
			Size I			---						R 2 1						✓	
			Size II			---						R 2 1						✓	
			Size III			---						R 2 1						✓	
Position signaling switches for guide frames			Connected position	Test position	Disconnected position														
			1 CO	1 CO	1 CO	---					R 1 5					✓			
			3 CO	2 CO	1 CO	---					R 1 6					✓			

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).			Order No. with "-Z"											Additional price					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			3WL -Z																
			and additional order code(s)																
			□□□ + +																
			Code for "Further versions"																
			-Z																
Communication and measurement functions			F 0 1															✓	
Breaker status sensor (BSS)			F 0 2															✓	
PROFIBUS-DP communication interface²⁾			Including COM15 and breaker status sensor (BSS)			F 1 2												✓	
MODBUS-RTU communication interface²⁾			Including COM16 and breaker status sensor (BSS)			F 0 5												✓	
Measurement function Plus (without PROFIBUS/MODBUS communication interface³⁾)			F 2 3															✓	
Overload and short-circuit protection for neutral conductors			F 2 3															✓	
Internal curr. transformers for N conductors			Size I			F 2 3												✓	
Only possible with 4-pole circuit breakers with ETU27B to ETU76B			Size II			F 2 3												✓	
			Size III			F 2 3												✓	
EMC filters			F 3 1															✓	
EMC filters			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.																

¹⁾ Padlocks not included in scope of supply.

²⁾ If ordering withdrawable circuit breaker and guide frame separately, specify order code "F02" or "F12" for withdrawable circuit breaker only.

³⁾ Additional voltage transformers are required for connection of the measurement function Plus, see page 1/51.

✓ Additional price

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Options

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).

Order No. with "-Z"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

3WL -Z
and additional order code(s)

□□□ + . . . + . . .

Code for
"Further versions"



	Order code for fixed-mounted version	Add. price for fixed-mounted version		Order code for withdrawable version	Add. price for withdrawable version
Locking devices	□ □ □			□ □ □	
Locking devices against unauthorized closing, in the operator panel					
The disconnecter unit fulfills the requirements for main circuit breakers acc. to EN 60204-1	Made by CES S 0 1	✓		Made by CES S 0 1	✓
	Made by IKON S 0 3	✓		Made by IKON S 0 3	✓
	Assembly kit FORTRESS or Castell ¹⁾ S 0 5	✓		Assembly kit FORTRESS or Castell ¹⁾ S 0 5	✓
	Assembly kit for padlocks ²⁾ S 0 7	✓		Assembly kit for padlocks ²⁾ S 0 7	✓
	Made by Ronis S 0 8	✓		Made by Ronis S 0 8	✓
	Made by Profalux S 0 9	✓		Made by Profalux S 0 9	✓
EMERGENCY-STOP pushbuttons					
Mushroom pushbutton instead of the mechanical OFF pushbutton	S 2 4	✓		S 2 4	✓
Locking devices against unauthorized closing, for withdrawable circuit breakers					
The disconnecter unit fulfills the requirements for main circuit breakers acc. to EN 60204-1, consisting of a lock in the cabinet door, active in the connected position, function is retained when circuit breaker is replaced.	Made by CES --			Made by CES R 6 1	✓
	Made by Ronis --			Made by Ronis R 6 8	✓
	Made by Profalux --			Made by Profalux R 6 0	✓
Locking devices for operating mechanism handles with padlock²⁾	S 3 3	✓		S 3 3	✓
Locking devices to prevent movement of the withdrawable circuit breakers					
Made by CES	--			S 7 1	✓
Made by Profalux	--			S 7 5	✓
Safety lock for mounting on the circuit breaker	Made by Ronis --			Made by Ronis S 7 6	✓
Locking mechanisms					
Locking mechanisms to prevent movement of the withdrawable circuit breaker in disconnected positions,	Made by CES --			Made by CES R 8 1	✓
consisting of Bowden wire and lock in the cabinet door	Made by Profalux --			Made by Profalux R 8 5	✓
	Made by Ronis --			Made by Ronis R 8 6	✓
Not possible in combination with order code "R30" or "R50".					
Locking devices					
Not possible in combination with order code "R81", "R85" or "R86".	To prevent opening of the cabinet door in: ON position (fixed-mounted version)/ in connected position (withdrawable version) S 3 0	✓		To prevent opening of the cabinet door in: ON position (fixed-mounted version)/ in connected position (withdrawable version) R 3 0	✓
	To prevent movement with the cabinet door open --			To prevent movement with the cabinet door open R 5 0	✓
Connection methods for auxiliary conductors					
Connections for screwless terminals (tension spring)	N 6 1	✓		P 6 1	✓

✓ Additional price

¹⁾ Locks must be ordered from the manufacturer.

²⁾ Padlock not included in the scope of supply.

Air Circuit Breakers

3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC

Options

Add "-Z" to the complete Order No. and indicate the appropriate order code(s).

Order No. with "-Z"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

3WL -Z
and additional order code(s)

□ □ □

+ . . . + . . .

Code for "Further versions" -Z

For withdrawable circuit breakers with guide frames or for guide frames¹⁾

To select this connection method the 12th digit of the Order No. for the circuit breaker must be a "6"

Connection methods for main connections

			Code for "Further versions"	Add. price 3-pole	Add. price 4-pole
Top and bottom: accessible from front, single hole	Size I, up to 1600 A	P 0 0		✓	✓
	Size II, up to 2000 A	P 0 0		✓	✓
	Size II, up to 2500 A	P 0 0		✓	✓
	Size II, up to 3200 A	P 0 0		✓	✓
	Size III, up to 4000 A	P 0 0		✓	✓
Top and bottom: accessible from front, double hole	Size I, up to 1600 A	P 0 1		✓	✓
	Size II, up to 2000 A	P 0 1		✓	✓
	Size II, up to 2500 A	P 0 1		✓	✓
	Size II, up to 3200 A	P 0 1		✓	✓
	Size III, up to 4000 A	P 0 1		✓	✓
Top: horizontal, double hole	Size I, up to 1600 A	P 0 7		✓	✓
	Size II, up to 2000 A	P 0 7		✓	✓
	Size II, up to 2500 A	P 0 7		✓	✓
	Size II, up to 3200 A	P 0 7		✓	✓
	Size III, up to 4000 A	P 0 7		✓	✓
Bottom: accessible from front, single hole	Size II, up to 3200 A	P 0 7		✓	✓
	Size III, up to 4000 A	P 0 7		✓	✓
Top: vertical Bottom: horizontal	Size I, up to 1600 A	P 1 8		✓	✓
	Size II, up to 2000 A	P 1 8		✓	✓
	Size II, up to 2500 A	P 1 8		✓	✓
	Size II, up to 3200 A	P 1 8		✓	✓
	Size III, up to 4000 A	P 1 8		✓	✓
Top: Connecting flange Bottom: horizontal	Size I, up to 1600 A	P 1 9		✓	✓
	Size II, up to 2000 A	P 1 9		✓	✓
	Size II, up to 2500 A	P 1 9		✓	✓
	Size II, up to 3200 A	P 1 9		✓	✓
	Size III, up to 4000 A	P 1 9		✓	✓
Top: horizontal Bottom: vertical	Size I, up to 1600 A	P 2 3		✓	✓
	Size II, up to 2000 A	P 2 3		✓	✓
	Size II, up to 2500 A	P 2 3		✓	✓
	Size II, up to 3200 A	P 2 3		✓	✓
	Size III, up to 4000 A	P 2 3		✓	✓
Size III, up to 5000 A	P 2 3		✓	✓	

For fixed-mounted circuit breakers

To select this connection method the 12th digit of the Order No. for the circuit breaker must be a "2"

Connection methods for main connections

			Code for "Further versions"	Add. price 3-pole	Add. price 4-pole
Top: Horizontal Bottom: accessible from front, single hole	Size I, up to 1600 A	N 1 1		✓	✓
	Size II, up to 2000 A	N 1 1		✓	✓
	Size II, up to 2500 A	N 1 1		✓	✓
	Size II, up to 3200 A	N 1 1		✓	✓
	Size III, up to 4000 A	N 1 1		✓	✓
Top: Vertical Bottom: Horizontal	Size I, up to 1600 A	N 2 0		✓	✓
	Size I, up to 2000 A	N 2 0		✓	✓
	Size II, up to 2000 A	N 2 0		✓	✓
	Size II, up to 2500 A	N 2 0		✓	✓
	Size II, up to 3200 A	N 2 0		✓	✓
Top: Horizontal Bottom: Vertical	Size III, up to 4000 A	N 2 0		✓	✓
	Size III, up to 5000 A	N 2 0		✓	✓
	Size I, up to 1600 A	N 2 4		✓	✓
	Size I, up to 2000 A	N 2 4		✓	✓
	Size II, up to 2000 A	N 2 4		✓	✓
Size II, up to 2500 A	Size II, up to 2500 A	N 2 4		✓	✓
	Size II, up to 3200 A	N 2 4		✓	✓
	Size III, up to 4000 A	N 2 4		✓	✓
	Size III, up to 4000 A	N 2 4		✓	✓
	Size III, up to 5000 A	N 2 4		✓	✓

✓ Additional price

¹⁾ Only horizontal connection and vertical connection are available for circuit breakers with very high breaking capacity C.