

Accessories and spare parts

Accessories for electronic trip units ETU

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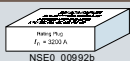


Protective devices with device holder and optional metering function

- For replacement in existing circuit breakers, please specify the circuit breaker ID No. when ordering.

Type	With protection function	Metering function	Article No.
ETU15B	LI	Without	3WL9311-5AA00-0AA2
ETU25B	LSI	Without	3WL9312-5AA00-0AA2
ETU27B	LSING	Without	3WL9312-7AA00-0AA2
ETU45B (without display)	LSIN(G)	Without	3WL9314-5AA00-0AA2
		With metering function Plus new	3WL9314-5AA30-0AA2
ETU76B	LSIN(G)	Without	3WL9317-6AA00-0AA2
		With metering function Plus new	3WL9317-6AA30-0AA2

Rating plugs



- With the rating plug selected, the maximum rated current $I_{n,max}$ of the circuit breaker must not be exceeded. The following applies: $I_n \leq I_{n,max}$.

Size	Rated current I_n	Article No.
1, 2	250 A	3WL9111-0AA51-0AA0
	315 A	3WL9111-0AA52-0AA0
	400 A	3WL9111-0AA53-0AA0
	500 A	3WL9111-0AA54-0AA0
	630 A	3WL9111-0AA55-0AA0
	800 A	3WL9111-0AA56-0AA0
1, 2, 3	1000 A	3WL9111-0AA57-0AA0
	1250 A	3WL9111-0AA58-0AA0
	1600 A	3WL9111-0AA61-0AA0
2, 3	2000 A	3WL9111-0AA62-0AA0
	2500 A	3WL9111-0AA63-0AA0
	3200 A	3WL9111-0AA64-0AA0
3	4000 A	3WL9111-0AA65-0AA0
	5000 A	3WL9111-0AA66-0AA0
	6300 A	3WL9111-0AA67-0AA0

Ground-fault modules



- Alarm and tripping
- For direct measurement of the ground-fault current, e.g. in the star point of the transformer, a 1200 A/1 A current transformer, class 1, is required. The internal load of the 3WL circuit breaker is 0.11 m. If the ground-fault current is to be determined using the vectorial sum of the phases, a transformer must be installed in the neutral conductor.

Type	Accessory for	Article No.
GFM AT 45B	ETU45B	3WL9111-0AT53-0AA0
GFM AT 55B – 76B	ETU76B	3WL9111-0AT56-0AA0

Display



Accessory for	Version	Article No.
ETU45B	4-line	3WL9111-0AT81-0AA0

Internal current transformers, for N conductor including wiring kit


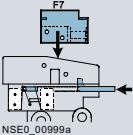
ETU Release 2	Size	Article No.
–	1	3WL9111-0AA11-0AA0
	2	3WL9111-0AA12-0AA0
	3	3WL9111-0AA13-0AA0
✓	1	3WL9111-0AA14-0AA0
	2	3WL9111-0AA15-0AA0
	3	3WL9111-0AA16-0AA0

External current transformers for N conductor

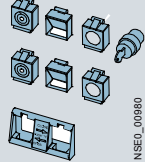
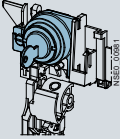


Copper connection pieces	Size	Article No.
–	1	3WL9111-0AA21-0AA0
	2	3WL9111-0AA22-0AA0
	3	3WL9111-0AA23-0AA0
✓	1	3WL9111-0AA31-0AA0
	2	3WL9111-0AA32-0AA0
	3	3WL9111-0AA33-0AA0

Accessories for electronic trip units ETU

EMC filter					
<ul style="list-style-type: none"> Common-mode interference suppressor filters (e.g. in IT networks, caused by frequency converters) Insertion loss (asymmetric) in the range 40 kHz to 10 MHz >40 dB. 					
Versions			Article No.		
Only for ETU Release 2			3WL9111-0AK34-0AA0		
Sealable and lockable covers					
	Accessory for			Article No.	
	ETU15B to ETU45B			3WL9111-0AT45-0AA0	
	ETU76			3WL9111-0AT46-0AA0	
Automatic reset of the reclosing lockout					
Version			Article No.		
Spare part for option K01			3WL9111-0AK21-0AA0		
Remote reset magnets					
	<ul style="list-style-type: none"> For mechanical tripped indicator Spare part for options K10 to K13 Note: <ul style="list-style-type: none"> Automatic reset of the reclosing lockout 3WL9111-0AK21-0AA0 is also required 				
	Voltage			Article No.	
	24 V DC			3WL9111-0AK03-0AA0	
	48 V DC			3WL9111-0AK04-0AA0	
	120 V AC / 125 V DC			3WL9111-0AK05-0AA0	
208 ... 250 V AC / 208 ... 250 V DC			3WL9111-0AK06-0AA0		
Retrofittable internal wiring					
Purpose		Male multipoint connector	Accessory for	Article No.	
Internal CubicleBUS wiring for connection to terminal X8		With blade connector for retrofitting the communication	ETU45B and ETU76B	3WL9111-0AK30-0AA0	
For connection of the external N and G transformers to terminal X8		Without male connector	Not for ETU Release 2 ETU Release 2	3WL9111-0AK31-0AA0 3WL9111-0AK33-0AA0	

Locking devices and interlocks

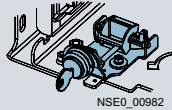
Padlockable protective cover ON / OFF				
<ul style="list-style-type: none"> Consisting of two transparent covers each for sealing or for attaching padlocks (padlocks not included in scope of supply) Cover with 6.35 mm hole (for tool actuation) Lock mount for safety lock for key operation 				
	Version			Article No.
	Without safety lock			3WL9111-0BA21-0AA0
	Made by CES			3WL9111-0BA22-0AA0
Made by IKON			3WL9111-0BA24-0AA0	
Locking devices against unauthorized closing, in the operator panels				
<ul style="list-style-type: none"> The disconnecter unit fulfills the requirements for main circuit breakers acc. to EN 60204-1 Spare part for options S01 to S09 				
	Variant		Scope of supply	Article No.
	Assembly kit FORTRESS or Castell		Without locks, cylinders or keys	3WL9111-0BA31-0AA0
	Made by Ronis		Locks, cylinders and keys included	3WL9111-0BA33-0AA0
	Made by KIRK-Key		Without locks, cylinders or keys	3WL9111-0BA34-0AA0
	Made by Profalux		Locks, cylinders and keys included	3WL9111-0BA35-0AA0
	Made by CES		Locks, cylinders and keys included	3WL9111-0BA36-0AA0
	Made by IKON		Locks, cylinders and keys included	3WL9111-0BA38-0AA0
	Assembly kit for padlocks		Without padlock	3WL9111-0BA41-0AA0

Accessories and spare parts

Locking devices and interlocks

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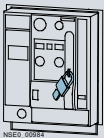
Locking devices against unauthorized closing, for withdrawable circuit breakers



- The disconnecter unit fulfills the requirements for main circuit breakers acc. to EN 60204-1
- Consisting of lock in the guide frame, active in connected position, function is retained when circuit breaker is replaced
- Spare part for option R60, R61, R68

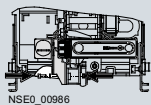
Variant	Scope of supply	Article No.
Made by CES	Locks, cylinders and keys included	3WL9111-0BA51-0AA0
Made by IKON	Locks, cylinders and keys included	3WL9111-0BA53-0AA0
Made by KIRK-Key ¹⁾	Without locks, cylinders or keys	3WL9111-0BA57-0AA0
Made by Ronis	Locks, cylinders and keys included	3WL9111-0BA58-0AA0
Made by Profalux	Locks, cylinders and keys included	3WL9111-0BA50-0AA0

Locking devices for operating mechanism handle with padlock



Version	Scope of supply	Article No.
Spare part for S33	Without padlock	3WL9111-0BA71-0AA0

Locking device against movement of the withdrawable circuit breaker



- Safety lock for mounting onto the circuit breaker
- Spare part for option S71, S75, S76

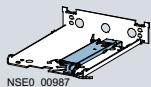
Variant	Scope of supply	Article No.
Made by CES	Locks, cylinders and keys included	3WL9111-0BA73-0AA0
Made by IKON	Locks, cylinders and keys included	3WL9111-0BA75-0AA0
Made by Profalux	Locks, cylinders and keys included	3WL9111-0BA76-0AA0
Made by Ronis	Locks, cylinders and keys included	3WL9111-0BA77-0AA0
Made by KIRK-Key ¹⁾	Without locks, cylinders or keys	3WL9111-0BA80-0AA0

Interlocking systems

- 2 of the same keys for 3 circuit breakers
- Locking device in OFF position
- Lock in the operator panel
- A maximum of 2 circuit breakers can be switched on

Variant	Article No.
Made by CES	3WL9111-0BA43-0AA0

Locking devices to prevent movement of the withdrawable circuit breakers in disconnected position



- Consisting of Bowden cable and lock in the cabinet door on the circuit breaker
- Spare part for option R81, R85, R86
- **Note:**
 - Not possible in combination with "Locking mechanism to prevent opening of the cabinet door" (order code "R30") or "Locking mechanism to prevent movement with the cabinet door open" (order code "R50").

Variant	Article No.
Made by CES	3WL9111-0BA81-0AA0
Made by IKON	3WL9111-0BA83-0AA0
Made by Profalux	3WL9111-0BA85-0AA0
Made by Ronis	3WL9111-0BA86-0AA0

Locking devices to prevent opening of the cabinet door in ON position



- Fixed-mounted
- Defeatable
- **Note:**
 - Not possible in combination with "Locking mechanism to prevent movement of the withdrawable circuit breakers in disconnected position" (order codes "R81", "R85" or "R86").

Version	Article No.
Spare part for option S30	3WL9111-0BB12-0AA0

¹⁾ Locks, cylinders and keys must be ordered from the manufacturer.

Locking devices and interlocks

Locking devices to prevent opening of the cabinet door

- Guide frames
- Defeatable
- **Note:**
 - Not possible in combination with "Locking mechanism to prevent movement of the withdrawable circuit breakers in disconnected position" (order codes "R81", "R85" or "R86").

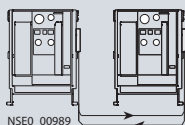
Version	Article No.
Spare part for option R30	3WL9111-0BB13-0AA0

Locking devices to prevent movement with the cabinet door open

- Guide frames
- **Note:**
 - Not possible in combination with "Locking mechanism to prevent movement of the withdrawable circuit breakers in disconnected position" (order codes "R81", "R85" or "R86").

Version	Article No.
Spare part for option R50	3WL9111-0BB15-0AA0

Mutual mechanical interlockings



- With Bowden cable 2000 mm (one required for each circuit breaker)

Type	When ordered separately	Spare part for	Article No.
Fixed-mounted circuit breaker	–	Option S55	3WL9111-0BB21-0AA0
Module for withdrawable circuit breakers with guide frame	–	Option R55	3WL9111-0BB24-0AA0
Module for guide frame	✓	Option R56	3WL9111-0BB22-0AA0
Module for withdrawable circuit breaker	✓	Option R57	3WL9111-0BB23-0AA0
Adapter for size 3 withdrawable circuit breaker	✓	–	3WL9111-0BB30-0AA0

Couplings on the circuit breaker (with ring) for mutual interlocking



- Can be used in all circuit breakers

Article No.
3WL9112-8AH47-0AA0

Bowden cables

Length	Article No.
2000 mm	3WL9111-0BB45-0AA0
3000 mm	3WL9111-0BB46-0AA0
4500 mm	3WL9111-0BB47-0AA0

Test devices

Manual tester, Release 2 for electronic trip units ETU15B to ETU76B



- For testing the electronic trip unit functions of all 3WL ETUs (Release 1 and Release 2)

Article No.
3WL9111-0AT32-0AA0

Function test device

- For testing the tripping characteristics for electronic trip units ETU15B to ETU76B (Release 1 and Release 2)

Article No.
3WL9111-0AT44-0AA0

TD400 Kit IEC

- Commissioning /Service Tool for IEC 3WL (ETU Release 2) and 3VA
- With adapter, cable and case

Article No.
3VW9011-0AT40

TD400 adapter (spare part)

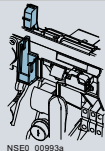
Version	Article No.
for 3VA	3VW9011-0AT43
for 3WL ETU Release 1	3VW9011-0AT44
for 3WL ETU Release 2	3VW9011-0AT45

Accessories and spare parts

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Indicators and control elements

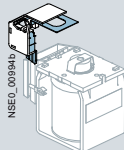
Ready-to-close signaling switches (S20)



NSE0_00993a

Version	Contacts	Article No.
Spare part for option C22	1 NO contact	3WL9111-0AH01-0AA0

Signaling switch (S22 or S23)



NSE0_00994a

- Not possible with communication port, order code "F02", "F12" or "F35"
- Auxiliary supply connection X7 required for circuit breakers or guide frames. If this is not already available, please order additionally

Version	Contacts	Article No.
Spare part for options C26 to C27	1st or 2nd auxiliary release	3WL9111-0AH02-0AA0

1st tripped signaling switch (S24)

- Not possible with communication port, order code "F02", "F12" or "F35"
- Auxiliary supply connection X7 required for circuit breakers or guide frames. If this is not already available, please order additionally

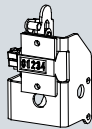
Version	Contacts	Article No.
Spare part for option K07	1 CO contact	3WL9111-0AH14-0AA0

2nd tripped signaling switch (S25)

- Not possible with communication port, order code "F02", "F12" or "F35"
- Auxiliary supply connection X7 required for circuit breakers or guide frames. If this is not already available, please order additionally
- Can only be used in combination with 1st tripped signaling switch

Version	Contacts	Article No.
Spare part for option K06	1 NO contact	3WL9111-0AH17-0AA0

Operating cycle counters



NSE0_00995a

- Only in conjunction with motorized operating mechanism.

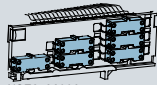
Version	Version	Article No.
Spare part for option C01	Mechanical	3WL9111-0AH07-0AA0

Spring charged signaling switch

- Not possible with communication port, order code "F02", "F12" or "F35".
- Auxiliary supply connection X7 required for circuit breakers or guide frames. If this is not already available, please order additionally

Version	Contacts	Article No.
Spare part for option C20	1 NO contact	3WL9111-0AH08-0AA0

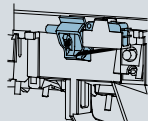
Position signaling switches for guide frames



NSE0_00996a

Version	Contacts	Article No.
Spare part for options R15 to R16	1st block (3 CO contacts)	3WL9111-0AH11-0AA0
	2nd block (6 CO contacts)	3WL9111-0AH12-0AA0

Electrical ON button (S10) for operator panel



NSE0_00997a

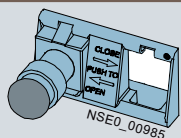
- Not possible with communication port, order code "F02", "F12" or "F35"
- Not possible with motor shutdown switch
- Button + wiring (Auxiliary supply connection X7 required for circuit breakers or guide frames. If this is not already available, please order additionally)

- **Note:**
 - Possible only for circuit breakers with closing coil.

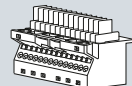




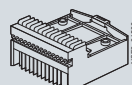
Version	Variant	Article No.
Spare part for options C11 to C12	With sealing cap C11	3WL9111-0AJ02-0AA0
	With CES assembly kit C12	3WL9111-0AJ03-0AA0
	With IKON assembly kit	3WL9111-0AJ05-0AA0

Indicators and control elements

Motor cutout switch (S12)	
<ul style="list-style-type: none"> Mounting onto operator panel Not possible with electrical ON button 	
Version	Article No.
Spare part for option S25	3WL9111-0AJ06-0AA0
EMERGENCY OFF pushbuttons	
<ul style="list-style-type: none"> Mushroom pushbutton instead of the mechanical OFF pushbutton 	
Variant	Article No.
Spare part for option S24	3WL9111-0BA72-0AA0



Auxiliary conductor connections

Male connectors for circuit breakers ①	
	Article No. 3WL9111-0AB01-0AA0
Extension for male connector	
<ul style="list-style-type: none"> Male connector must be ordered separately 	
Version	Article No.
1000 V	3WL9111-0AB02-0AA0
Male connectors and extension	
Version	Article No.
1000 V	3WL9111-0AB10-0AA0
Auxiliary supply connection for circuit breakers or guide frames ②	
Version	Article No.
Screw connection (SIGUT)	3WL9111-0AB03-0AA0
	
Screwless connection technology (tension spring)	3WL9111-0AB04-0AA0
	
Coding kits ③	
	Version
	For fixed-mounted X5 to X8
	Article No. 3WL9111-0AB07-0AA0
Sliding contact modules for guide frames ④	
	Article No. 3WL9111-0AB08-0AA0
One-part sliding contact modules for guide frames	
	Version
	Screw terminals (SIGUT)
	Article No. 3WL9111-0AB18-0AA0
Blanking blocks for circuit breakers	
	Article No. 3WL9111-0AB12-0AA0

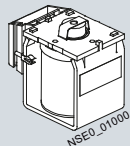
For a complete auxiliary current connection you must order:

Fixed-mounted version: 1 + 2 + 3
 Withdrawable version: 1 + 4 + 2 and 1 + 5

Accessories and spare parts

Auxiliary releases

Closing coils / shunt releases



Version	Voltage	Article No.
100% OP	24 V DC	3WL9111-0AD01-0AA0
	30 V DC	3WL9111-0AD02-0AA0
	48 V DC	3WL9111-0AD03-0AA0
	60 V DC	3WL9111-0AD04-0AA0
	110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AD05-0AA0
	220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AD06-0AA0
5% OP Switching time 50 ms (standard >80 ms).	24 V DC	3WL9111-0AD11-0AA0
	48 V DC	3WL9111-0AD12-0AA0
	110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AD13-0AA0
	220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AD14-0AA0

Undervoltage release



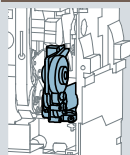
Version	Voltage	Article No.
Instantaneous	24 V DC	3WL9111-0AE01-0AA0
	30 V DC	3WL9111-0AE02-0AA0
	48 V DC	3WL9111-0AE03-0AA0
	60 V DC	3WL9111-0AE07-0AA0
	110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AE04-0AA0
	220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AE05-0AA0
Delayed	380 ... 415 V AC	3WL9111-0AE06-0AA0
	48 V DC	3WL9111-0AE11-0AA0
	110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AE12-0AA0



220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AE13-0AA0
380 ... 415 V AC	3WL9111-0AE14-0AA0

Operating mechanism

Motorized operating mechanisms

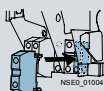


- Auxiliary supply connection X5 required for circuit breakers or guide frames.
If this is not already available, please order additionally

Voltage	Article No.
24 ... 30 V DC	3WL9111-0AF01-0AA0
48 ... 60 V DC	3WL9111-0AF02-0AA0
110 ... 125 V DC/110 ... 127 V AC	3WL9111-0AF03-0AA0
220 ... 250 V DC/208 ... 240 V AC	3WL9111-0AF04-0AA0

Auxiliary contacts

Auxiliary switch blocks



Contacts	Article No.
2 NO contacts + 2 NC contacts	3WL9111-0AG01-0AA0
2 NO contacts	3WL9111-0AG02-0AA0
1 NO contact + 1 NC contact	3WL9111-0AG03-0AA0

Door sealing frames, hoods, shutters

Door sealing frames



Version	Article No.
Spare part for option T40	3WL9111-0AP01-0AA0

Protective cover IP55



- Cannot be used in conjunction with door sealing frames
- Hood removable and can be opened on both sides

Article No.
3WL9111-0AP02-0AA0

Shutters

Version	Number of poles	Size	Breaking capacity	Article No.
Spare part for option R21	3-pole	1	N, S, H	3WL9111-0AP04-0AA0
		2	N, S, H	3WL9111-0AP06-0AA0
			C	3WL9111-0AP43-0AA0
	4-pole	3	H, C	3WL9111-0AP07-0AA0
		1	N, S, H	3WL9111-0AP08-0AA0
		2	N, S, H	3WL9111-0AP11-0AA0
		C	3WL9111-0AP44-0AA0	
		3	H, C	3WL9111-0AP12-0AA0

Arc chute

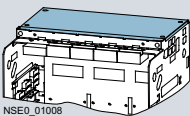
Arc chute



Voltage	Size	Breaking capacity	Article No.
690 V	1	N, S, H	3WL9111-0AS01-0AA0
	2	N, S, H	3WL9111-0AS02-0AA0
		C	3WL9111-0AS10-0AA0
	3	H, C	3WL9111-0AS03-0AA0
1000 V / 1150 V	2	H, C	3WL9111-0AS05-0AA0
	3	H, C	3WL9111-0AS06-0AA0

Arc chute covers

- Parts kit for guide frame
- Spare part for option R10
- Not available for
 - 1000 V version (order code "A05"),
 - 1150 V version (order code "A15")
 - DC version,
 - 4000 A size 2,
 - Circuit breakers with very high breaking capacity C.



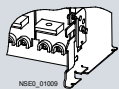
Number of poles	Size	Article No.
3-pole	1	3WL9111-0AS32-0AA0
	2	3WL9111-0AS36-0AA0
	3	3WL9111-0AS38-0AA0
4-pole	1	3WL9111-0AS42-0AA0
	2	3WL9111-0AS44-0AA0
	3	3WL9111-0AS46-0AA0

Accessories and spare parts

1

Coding for withdrawable version

Coding for withdrawable version

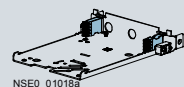


- By customer, for 36 coding variants

Size	Article No.
1 and 2	3WL9111-0AR12-0AA0
3	3WL9111-0AR13-0AA0

Grounding connections

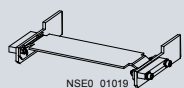
Grounding connection between the guide frame and the withdrawable circuit breaker



- Order 2x for 30 kA ground short-circuit current
- Contacting modules for guide frame

Size	Article No.
1 and 2 ¹⁾	3WL9111-0BA01-0AA0
3	3WL9111-0BA02-0AA0

Contacting modules for withdrawable circuit breakers



Number of poles	Size	Article No.
3-pole	1	3WL9111-0BA05-0AA0
	2 ¹⁾	3WL9111-0BA06-0AA0
	3	3WL9111-0BA07-0AA0
4-pole	1	3WL9111-0BA08-0AA0
	2 ¹⁾	3WL9111-0BA04-0AA0
	3	3WL9111-0BA10-0AA0

¹⁾ Cannot be used for size 2 with very high breaking capacity C and size 2, 4000 A.

Support brackets

Support brackets



- For mounting fixed-mounted circuit breakers on vertical plane
- Only for sizes 1 and 2 (1 set = 2 units)

Article No.
3WL9111-0BB50-0AA0

CubicleBUS modules

- Each CubicleBUS module is supplied with a 0.2 m pre-assembled cable to connect the modules with each other. A longer pre-assembled cable is required for connection to the circuit breaker.
- All communication components, CubicleBUS modules and measurement functions are available for the electronic trip units ETU45B and ETU76B.

CubicleBUS modules



Type	Article No.
Digital output modules with rotary coding switch, relay outputs	3WL9111-0AT26-0AA0
Digital output modules, configurable, relay outputs	3WL9111-0AT20-0AA0
Digital input module	3WL9111-0AT27-0AA0
Analog output module	3WL9111-0AT23-0AA0
ZSI module	3WL9111-0AT21-0AA0

Preassembled cables for CubicleBUS modules

For connection to 3WL	Length	Article No.
With COM15/COM16/COM35	0.5 m	3WL9111-0BC04-0AA0
	1 m	3WL9111-0BC02-0AA0
	2 m	3WL9111-0BC03-0AA0
Without COM15/COM16/COM35	2 m	3WL9111-0BC05-0AA0




Voltage transformers

- Required for 3WL circuit breakers with metering function Plus, if no direct voltage tap is available.
- 380 ... 690 V/100 V, class 0.5

Number of poles	Metering function	Article No.
3-pole	With measurement function Plus	3WL9111-0BB68-0AA0

Retrofitting and spare parts

- For retrofitting the COM15, COM16 or COM35 communication modules in withdrawable 3WL circuit breakers with Z options A05 (1000 V AC), A15 (1150 V AC) or A16 (690 V + 20%), the following additional assembly kits are required: 3WL9111-0AT62-0AA0 for circuit breakers size 1 or 3WL9111-0AT63-0AA0 for circuit breakers size 2/3

COM35 PROFINET IO / Modbus TCP modules new		
	Version	Article No.
	For electronic trip units ETU45B and ETU76B	3WL9111-0AT65-0AA0
PROFINET IO / Modbus TCP retrofit kits new		
	<ul style="list-style-type: none"> Retrofit kit for the PROFINET IO / Modbus TCP communication including COM35, BSS and set of cables for all 3WL air circuit breakers with ETU45B and ETU76B electronic trip units 	
		Article No.
		3WL9111-0AT66-0AA0
PROFIBUS retrofit kits		
	<ul style="list-style-type: none"> Retrofit kit for the PROFIBUS communication including COM15, BSS and set of cables for all 3WL air circuit breakers with ETU45B and ETU76B electronic trip units 	
		Article No.
		3WL9111-0AT12-0AA0
COM15 PROFIBUS modules		
	Version	Article No.
	For electronic trip units ETU45B and ETU76B	3WL9111-0AT15-0AA0
COM16 Modbus RTU modules		
	Version	Article No.
	For electronic trip units ETU45B and ETU76B	3WL9111-0AT17-0AA0
Modbus RTU retrofit kits IEC		
	<ul style="list-style-type: none"> Retrofit kit for the Modbus communication including COM16, BSS and set of cables for all 3WL air circuit breakers with ETU45B and ETU76B electronic trip units 	
		Article No.
		3WL9111-0AT18-0AA0
Additional parts for retrofitting the COM15/COM16/COM35 communication modules		
	<ul style="list-style-type: none"> In withdrawable 3WL circuit breakers with Z options: <ul style="list-style-type: none"> – A05 (1000 V AC) or – A15 (1150 V AC) or – A16 (690 V + 20%) 	
	Size	Article No.
	1	3WL9111-0AT62-0AA0
	2/3	3WL9111-0AT63-0AA0
Breaker status sensors (BSS)		
	Version	Article No.
	<ul style="list-style-type: none"> For acquisition via communication of the circuit breaker states ON / OFF / tripped For electronic trip units ETU45B and ETU76B 	3WL9111-0AT16-0AA0

Accessories and spare parts

Interfaces

Interface to the IEC 61850 **new**

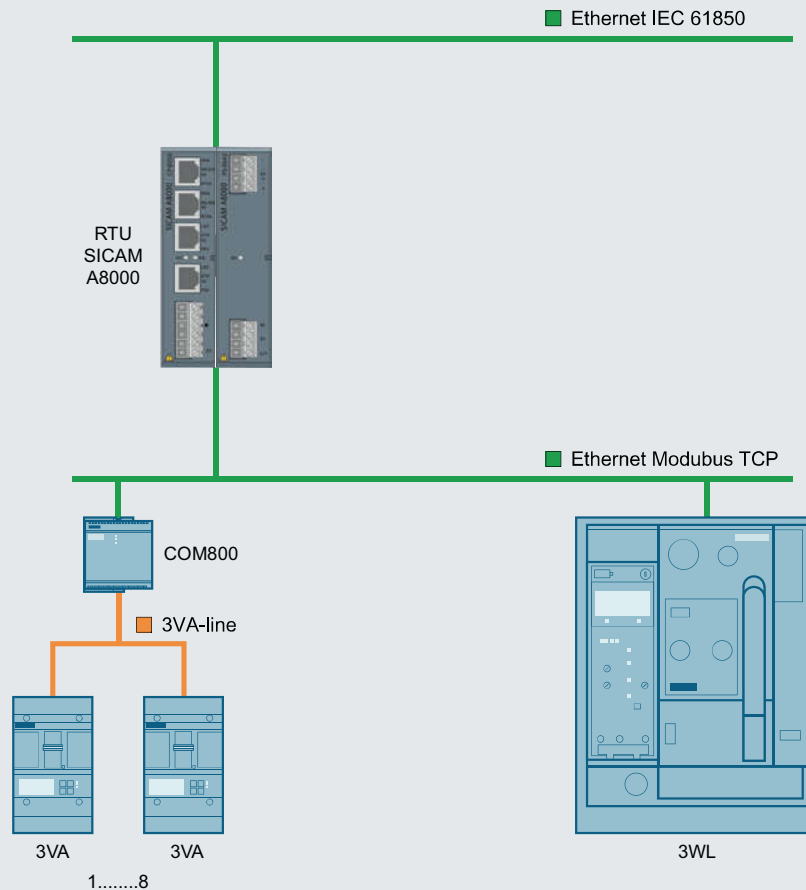
- The SICAM A8000 as an intelligent data concentrator ensures the connection of the circuit breakers from the SENTRON portfolio via the MODBUS TCP/IP protocol and the forwarding of the data via communication protocols (such as IEC61850, IEC60870-5-104, IEC60870-5-101, MODBUS and DNP) to higher-level systems.

Type	CPU module	Operating voltage	Article No.
SICAM CP-8021 ¹⁾	4 interfaces	–	6MF28021AA00
SICAM PS-8620	–	24 ... 60 V DC (12 W)	6MF28620AA00
SICAM PS-8622	–	110 ... 220 V DC (12 W)	6MF28622AA00



¹⁾ Designed for maximum data volumes of 20 devices each with 50 data points

You will find further information at:
www.siemens.com/sicam-a8000



Storage devices

Capacitor storage devices

- For shunt releases
- Storage time 5 min
- Also suitable for 3VL, 3VA and 3WN circuit breakers
- **Note:**
 - Rated control supply voltage must match the rated control supply voltage of the shunt release.

Rated control supply voltage/rated operational voltage		Article No.
50/60 Hz AC	DC	
220 ... 240 V	220 ... 250 V	3WL9111-0BA14-0AA0

Retrofitting and spare parts **new**

Metering function Plus for retrofitting

- As spare part or for retrofitting the metering function Plus with an external voltage transformer
 - For ETU45B or ETU76B Release 2
 - Voltage transformer required
 - Voltage converter included
 - A measuring accuracy of 3% is achieved if retrofitted.
 - Fixing accessories and cable included

Article No.

3WL9111-0AT05-0AA0

Voltage converter

Version	Article No.
As spare part	3WL9111-0AT06-0AA0

Components for conversion of an existing internal voltage tap²⁾

- Conversion requires 3 components for 3-pole 3WL
- Conversion requires 4 components for 4-pole 3WL
- Conversion of a metering function (Z option A05) is not possible.

Conversion of internal voltage tap to main contact	Size	Article No.
From bottom to top	1	3WL9111-0AT71-0AA0
	2	3WL9111-0AT72-0AA0
	3	3WL9111-0AT73-0AA0
From top to bottom	1	3WL9111-0AT74-0AA0
	2	3WL9111-0AT75-0AA0
	3	3WL9111-0AT76-0AA0

Transformers (without iron core), Rogowski coil only (instrument transformer for the protection function)

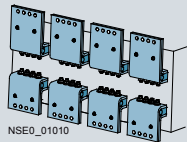
- Used in converter applications with high harmonic components; can only be used with ETU45B or ETU76B
 - External 24 V DC supply required
 - Undervoltage release required (e.g. 3WL9111-0AE01-0AA0)
- As retrofit kit or as spare part. With new circuit breakers, please use the Z option K60
- **Scope of supply:**
 - Transformer
 - Warning signs
 - Manual

Number of poles	Size	Article No.
3-pole	1	3WL9111-0AA42-0AA0
	2	3WL9111-0AA43-0AA0
	3	3WL9111-0AA44-0AA0
4-pole	1	3WL9111-0AA45-0AA0
	2	3WL9111-0AA46-0AA0
	3	3WL9111-0AA47-0AA0

Accessories and spare parts

Main conductor connections, fixed-mounted versions (essential accessory)

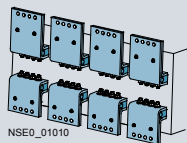
Front-accessible main connections, single hole at top



- Not for 3WL1 size 1 with high breaking capacity H

Size	Rated current I_n	Article No.
1	Up to 1000 A	3WL9111-0AL01-0AA0
	1250 ... 1600 A	3WL9111-0AL02-0AA0
2 ⁴⁾	Up to 2000 A	3WL9111-0AL03-0AA0
	Up to 2500 A	3WL9111-0AL04-0AA0
	Up to 3200 A	3WL9111-0AL05-0AA0
3	Up to 4000 A	3WL9111-0AL06-0AA0

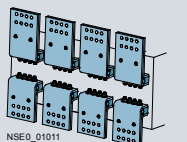
Front-accessible main connections, single hole at bottom



- Not for 3WL1 size 1 with high breaking capacity H

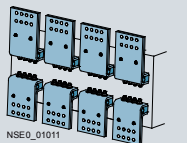
Size	Rated current I_n	Article No.
1	Up to 1000 A	3WL9111-0AL51-0AA0
	1250 ... 1600 A	3WL9111-0AL52-0AA0
2 ⁴⁾	Up to 2000 A	3WL9111-0AL53-0AA0
	Up to 2500 A	3WL9111-0AL54-0AA0
	Up to 3200 A	3WL9111-0AL55-0AA0
3	Up to 4000 A	3WL9111-0AL56-0AA0

Front-accessible main connections according to DIN 43673, double hole at top



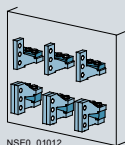
Size	Rated current I_n	Article No.
1	Up to 1000 A ¹⁾	3WL9111-0AL07-0AA0
	1250 ... 2000 A ⁵⁾	3WL9111-0AL08-0AA0
2 ⁴⁾	Up to 2000 A	3WL9111-0AL11-0AA0
	Up to 2500 A	3WL9111-0AL12-0AA0
	Up to 3200 A	3WL9111-0AL13-0AA0
3	Up to 4000 A	3WL9111-0AL14-0AA0

Front-accessible main connections according to DIN 43673, double hole at bottom



Size	Rated current I_n	Article No.
1	Up to 1000 A ¹⁾	3WL9111-0AL57-0AA0
	1250 ... 2000 A ⁵⁾	3WL9111-0AL58-0AA0
2 ⁴⁾	Up to 2000 A	3WL9111-0AL61-0AA0
	Up to 2500 A	3WL9111-0AL62-0AA0
	Up to 3200 A	3WL9111-0AL63-0AA0
3	Up to 4000 A	3WL9111-0AL64-0AA0

Rear vertical main connections



Size	Rated current I_n	Article No.
1 ²⁾	Up to 2000 A	3WL9111-0AM01-0AA0
2 ³⁾	Up to 3200 A	3WL9111-0AM02-0AA0
3	Up to 6300 A	3WL9111-0AM03-0AA0

¹⁾ Not for 3WL1 size 1 with high breaking capacity H

²⁾ In the case of vertical connection size 1 with breaking capacity N and S, up to 1000 A one 3WL9 111-0AM01-0AA0 vertical connection is required, up to 2000 A or with breaking capacity H two 3WL9 111-0AM01-0AA0 vertical connections are required.

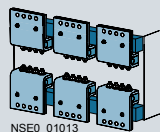
³⁾ In the case of vertical connection size 2, up to 2500 A one 3WL9 111-0AM02-0AA0 vertical connection is required, up to 3200 A two 3WL9 111-0AM02-0AA0 vertical connections are required.

⁴⁾ Not for circuit breakers with very high breaking capacity C.

⁵⁾ Can be used for size 1 with H breaking capacity of 630 A ... 2000 A.

Main conductor connections, withdrawable versions (essential accessory)

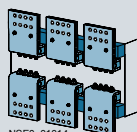
Front-accessible main connections, single hole top or bottom ^{1) 2)}



NSE0_01013

Size	Rated current I_n	Article No.
1	Up to 1000 A	3WL9111-0AN01-0AA0
	1250 ... 1600 A	3WL9111-0AN02-0AA0
2 ³⁾	Up to 2000 A	3WL9111-0AN03-0AA0
	Up to 2500 A	3WL9111-0AN04-0AA0
	Up to 3200 A	3WL9111-0AN05-0AA0
3	Up to 4000 A	3WL9111-0AN06-0AA0

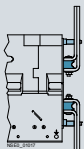
Front-accessible main circuit connections, according to DIN 43673, double hole at top or at bottom ¹⁾



NSE0_01014

Size	Rated current I_n	Article No.
1	Up to 1000 A ²⁾	3WL9111-0AN07-0AA0
	1250 ... 2000 A ⁵⁾	3WL9111-0AN08-0AA0
2 ³⁾	Up to 2000 A	3WL9111-0AN11-0AA0
	Up to 2500 A	3WL9111-0AN12-0AA0
	Up to 3200 A	3WL9111-0AN13-0AA0
3	Up to 4000 A	3WL9111-0AN14-0AA0

Supports for front and DIN connecting bars



Number of poles	Size	Article No.
3-pole for 3 bars	1	3WL9111-0AN41-0AA0
	2	3WL9111-0AN42-0AA0
	3	3WL9111-0AN43-0AA0
4-pole for 4 bars	1	3WL9111-0AN44-0AA0
	2	3WL9111-0AN45-0AA0
	3	3WL9111-0AN46-0AA0

Rear vertical main connections



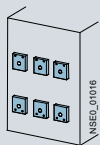
NSE0_01015

Size	Rated current I_n	Terminal pieces	Article No.
1	Up to 1000 A ²⁾		3WL9111-0AN15-0AA0
	1250 ... 2000 A ⁵⁾		3WL9111-0AN16-0AA0
2	Up to 2000 A ³⁾		3WL9111-0AN17-0AA0
	Up to 2500 A ³⁾		3WL9111-0AN18-0AA0
	Up to 3200 A ³⁾		3WL9111-0AN21-0AA0
	1600 ... 3200 A ⁴⁾		3WL9111-0AN38-0AA0
3	Up to 5000 A		3WL9111-0AN22-0AA0
	Up to 6300 A	3 units for 3-pole switches	3WL9111-0AN23-0AA0
	Up to 6300 A, top	4 units for 4-pole switches	3WL9111-0AN20-0AA0
	Up to 6300 A, bottom	4 units for 4-pole switches	3WL9111-0AN10-0AA0

Rear Horizontal Main Connections

Size	Rated current I_n	Article No.
1	Up to 1000 A ²⁾	3WL9111-0AN32-0AA0
	1250 ... 2000 A ⁵⁾	3WL9111-0AN33-0AA0
2	Up to 2000 A ³⁾	3WL9111-0AN34-0AA0
	Up to 2500 A ³⁾	3WL9111-0AN35-0AA0
	Up to 3200 A ³⁾	3WL9111-0AN36-0AA0
	1600 ... 3200 A ⁴⁾	3WL9111-0AN47-0AA0
3	Up to 5000 A	3WL9111-0AN37-0AA0

Connecting flange



NSE0_01016

Size	Rated current I_n	Article No.
1	Up to 1000 A ²⁾	3WL9111-0AN24-0AA0
	1250 ... 2000 A ⁵⁾	3WL9111-0AN25-0AA0
2 ³⁾	Up to 2000 A	3WL9111-0AN26-0AA0
	Up to 2500 A	3WL9111-0AN27-0AA0
	Up to 3200 A	3WL9111-0AN28-0AA0
3	Up to 4000 A	3WL9111-0AN31-0AA0

¹⁾ When using front-accessible mains connections (withdrawable circuit breakers) supports are required.

²⁾ Not for 3WL1 size 1 with high breaking capacity H

³⁾ Not for circuit breakers with very high breaking capacity C.

⁴⁾ Only for circuit breakers with very high breaking capacity C.

⁵⁾ Can be used for size 1 with H breaking capacity of 630 A ... 2000 A.

Accessories and spare parts

Conversion kit

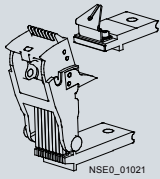
Conversion kit for converting fixed-mounted circuit breakers into withdrawable circuit breakers

- Guide frames and sliding contact modules must be ordered separately.
- Conversion from fixed-mounted to withdrawable is not possible for 3WL1 circuit breakers with very high breaking capacity C

Number of poles	Size	Article No.
3-pole	1	3WL9111-0BC11-0AA0
	2	3WL9111-0BC12-0AA0
	3	3WL9111-0BC13-0AA0
4-pole	1	3WL9111-0BC14-0AA0
	2	3WL9111-0BC15-0AA0
	3	3WL9111-0BC16-0AA0

Main contact elements

Main contact elements^{2) 4)}



- **Notes:**
 - The circuit breaker ID No. must be specified when ordering³⁾
 - Specified for each connection (depending on the number of poles on the circuit breaker, order 3 or 4 units)
 - Article No. is automatically adapted to the circuit breaker ID No.

Size	I_n max.	Article No.
1	Up to 2000 A	3WL9111-0AM90 L1Y
2	Up to 2500 A	3WL9111-0AM91 L1Y
	Up to 4000 A	3WL9111-0AM92 L1Y
3	Up to 6300 A	3WL9111-0AM93 L1Y

²⁾ Not for circuit breakers with very high breaking capacity C.

³⁾ Please specify the circuit breaker ID No. in plain text when ordering.

⁴⁾ Replacement of the main contact elements for 3WL1 circuit breakers with very high breaking capacity C is only possible at the factory.