

SENTRON 3WL Air Circuit Breakers

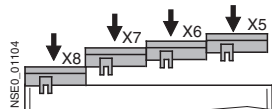
3WL Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC)

Accessories and spare parts

Overview

Determination of the number of auxiliary supply connectors required

This selection is only required if the guide frame is ordered under a separate Order No.



The required number of auxiliary supply connectors depends on:

- Operating mechanism type
- Electronic release with/without current transformer
- Type and number of auxiliary releases
- Number of auxiliary switches
- COM15/COM16 communication interface

		Number of auxiliary supply connectors	Terminal
a	First auxiliary supply connector X6 always required.	1	X6
b	Operating mechanisms		
b1	Manual operating mechanism with stored-energy feature with mechanical closing	0	
b2	Manual operating mechanism with stored-energy feature with mechanical and electrical closing	0	X6
b3	Manual/motorized operating mechanism with stored-energy feature with mechanical and electrical closing	+1	X5
c	Electronic releases		
c1	Electronic releases ETU15B, ETU25B, ETU27B	0	
c2	Electronic releases ETU45B, ETU76B (internal Cubicle BUS)	+1	X8
	Connections for external current transformers for overload protection in the N conductor and ground-fault protection		
c3	Current transformer installed in the N conductor (required with 3-pole circuit breakers if c2 is not selected)	+1	X8
c4	Current transformer in the neutral point of the transformer (required if c2 or c3 is not selected)	+1	X8
d	Auxiliary releases		
d1	With/without 1st auxiliary release (shunt release F1)	0	X6
d2	2nd auxiliary release (shunt release F2, undervoltage release F3, delayable undervoltage release F4)	+1	X5
e	Auxiliary switch blocks		
e1	1st auxiliary switch block 2 NO + 2 NC	0	X6
e2	1st and 2nd auxiliary switch block 4 NO + 4 NC or 6 NO + 2 NC or 5 NO + 3 NC (required if b3 or d2 is not selected)	+1	X5
f	Communication modules		
f1	Without communication module COM15/COM16	0	
f2	With communication module COM15/COM16 – occupies the entire terminal strip X7, making the following options no longer possible: <ul style="list-style-type: none"> • Tripped signal switch S24 • Stored-energy status indication S21 • Electrical ON button S10 • Signaling switch on first and second auxiliary release S22 + S23 	+1	X7
g	Optional signals/accessories		
g1	Tripped signal switch S24 (only possible if f2 is not selected)	+1	X7
g2	Stored-energy status indication S21 (only possible if f2 is not selected, required if g1 is not selected)	+1	X7
g3	Electrical ON button S10 (only possible if f2 is not selected, required if g1 or g2 is not selected)	+1	X7
g4	Signaling switch on first auxiliary release S22 (only possible if f2 is not selected, required if g1, g2 or g3 is not selected)	+1	X7
g5	Signaling switch on second auxiliary release S23 (only possible if f2 is not selected, required if g1, g2, g3 or g4 is not selected)	+1	X7
g6	Ready-to-close signaling switch S20	0	X6
g7	Motor shutdown switch S12 (only possible if motorized operating mechanism is selected)	0	X5
g8	Remote reset solenoid F7 (required if c2 is not selected)	+1	X8
h	Total number of auxiliary supply connectors	(max. 4)	