

Overview



Size I



Size II

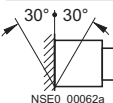
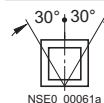


Size III

Air circuit breakers

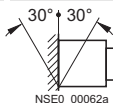
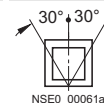
3WL air circuit breakers/non-automatic air circuit breakers up to 6300 A (AC)

Size	I, II, III
Rated current I_n	A
Rated ultimate short-circuit breaking capacity at 500 V AC	kA
Endurance	Operating cycles
Mounting position	



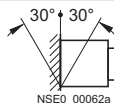
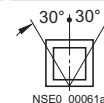
3WL air circuit breakers/non-automatic air circuit breakers according to UL 489 up to 5000 A

Size	I, II, III
Rated current I_n	A
Rated ultimate short-circuit breaking capacity at 500 V AC	kA
Endurance	Operating cycles
Mounting position	



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

Size	II
Rated current I_n	A
Rated ultimate short-circuit breaking capacity at 500 V AC	kA
Endurance	Operating cycles
Mounting position	

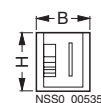


Degree of protection
With cover
Without cover
(with door sealing frame)

IP55
IP41

IP55
IP41

Dimensions 3-/4-pole



Fixed-mounted
Withdrawable

W mm	320/410	460/590	704/914
H mm	434	434	434
D mm	291	291	291
H mm	465.5	465.5	465.5
D mm	471	471	471

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

460/590
434
291
465.5
471

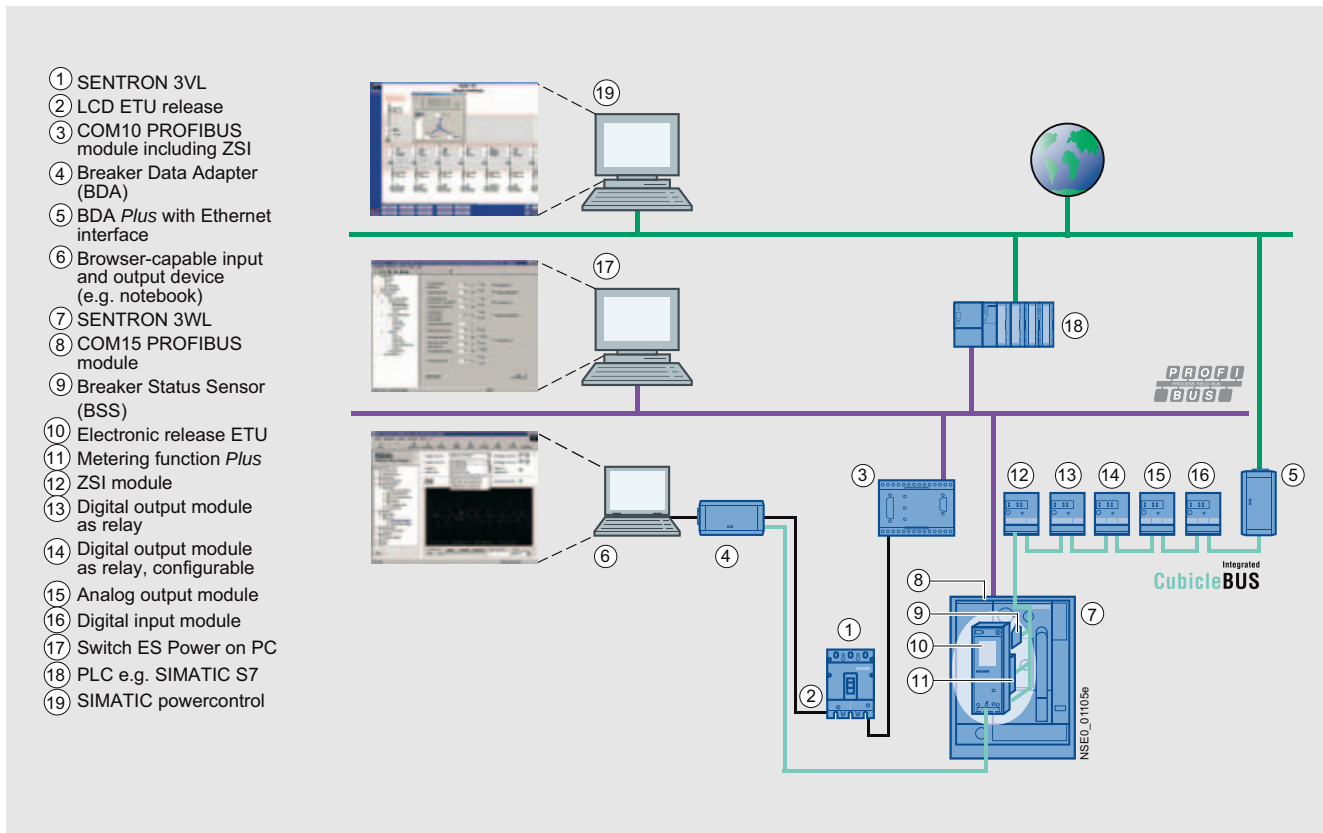


Type	ETU15B	ETU25B	ETU27B	ETU45B	ETU55B	ETU76B
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Electronic trip units for SENTRON 3WL circuit breakers

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 through PROFIBUS DP	--	--	--	□	□	□
Measurement function <i>Plus</i>	--	--	--	□	□	□
Selectable parameter sets	--	--	--	--	✓	✓
Parameters freely programmable	--	--	--	--	✓	✓
CubicleBUS	--	--	--	✓	✓	✓

✓ Standard
-- Not available
□ Optional



Features

- Coordinated communication concept using the PROFIBUS DP, ranging from 16 A to 6300 A with SENTRON 3VL and SENTRON 3WL
- 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 SENTRON 3WL
- Innovative software products for parameterization, operation, monitoring, and diagnostics of SENTRON circuit breakers, both locally or via PROFIBUS DP or Ethernet/Intranet/Internet
- Complete integration of the SENTRON circuit breakers into the Totally Integrated Power and Totally Integrated Automation solutions