

# SENTRON VL Circuit-Breakers up to 1600 A

## Accessories/spare parts

### Selection and ordering data

Wiring directly at accessories	DT	For VL160X to VL400			DT	For VL630 to VL1600		
		Order No.	PS*	Weight per PU approx.		Order No.	PS*	Weight per PU approx.
				kg			kg	

### 3- or 4-pole

#### Auxiliary switches and auxiliary releases

For retrofitting (for possible complements see figure on Page 4/11)

#### Auxiliary switches (HS) and alarm switches (AS) for retrofitting

Kits	Mounting side								
2 HS (1 NO + 1 NC)	N, left <sup>1)</sup> , right	B	3VL9 400-2AB00	1 unit	0.073	–			
4 HS (2 NO + 2 NC)	N, left, right		–			B	3VL9 800-2AC00	1 unit	0.094
2 HS (1 NC + 1 NO)	left, right <sup>3)</sup>	B	3VL9 400-2AD00	1 unit	0.111	–			
+ 1 AS (1 NO) (kit)	left		–			B	3VL9 800-2AE00	1 unit	0.092
1 AS (1 NC + 1 NO) <sup>4)</sup>	left <sup>1)</sup> , right <sup>3)</sup>	B	3VL9 400-2AG00	1 unit	0.071	–			

Additional switching elements

For Group 1 see Page 4/37.

For Group 2 see Page 4/37.

#### Shunt releases<sup>2)</sup> for retrofitting

AC V	DC V									
–	24	right pole only	B	3VL9 400-1SC00	1 unit	0.120	B	3VL9 800-1SC00	1 unit	0.175
–	48-60	right pole only	B	3VL9 400-1SJ00	1 unit	0.116	B	3VL9 800-1SJ00	1 unit	0.180
–	110-127	right pole only	B	3VL9 400-1SK00	1 unit	0.119	B	3VL9 800-1SK00	1 unit	0.177
–	220-250	right pole only	B	3VL9 400-1SQ00	1 unit	0.133	B	3VL9 800-1SQ00	1 unit	0.163
48-60	–	right pole only	B	3VL9 400-1SM00	1 unit	0.124	B	3VL9 800-1SM00	1 unit	0.162
110-127	–	right pole only	B	3VL9 400-1SR00	1 unit	0.116	B	3VL9 800-1SR00	1 unit	0.196
208-277	–	right pole only	B	3VL9 400-1ST00	1 unit	0.140	B	3VL9 800-1ST00	1 unit	0.183
380-600	–	right pole only	B	3VL9 400-1SV00	1 unit	0.138	B	3VL9 800-1SV00	1 unit	0.181

#### Undervoltage releases for retrofitting

AC V	DC V									
–	12	right pole only	B	3VL9 400-1UN00	1 unit	0.128	B	3VL9 800-1UN00	1 unit	0.169
–	24	right pole only	B	3VL9 400-1UP00	1 unit	0.118	B	3VL9 800-1UP00	1 unit	0.147
–	48	right pole only	B	3VL9 400-1UU00	1 unit	0.135	B	3VL9 800-1UU00	1 unit	0.170
–	60	right pole only	B	3VL9 400-1UV00	1 unit	0.131	B	3VL9 800-1UV00	1 unit	0.166
110-127	–	right pole only	B	3VL9 400-1UG00	1 unit	0.138	B	3VL9 800-1UG00	1 unit	0.160
–	110-127	right pole only	B	3VL9 400-1UR00	1 unit	0.129	B	3VL9 800-1UR00	1 unit	0.168
208	–	right pole only	B	3VL9 400-1UM00	1 unit	0.120	B	3VL9 800-1UM00	1 unit	0.178
220-250	–	right pole only	B	3VL9 400-1UH00	1 unit	0.121	B	3VL9 800-1UH00	1 unit	0.132
–	220-250	right pole only	B	3VL9 400-1US00	1 unit	0.136	B	3VL9 800-1US00	1 unit	0.172
277	–	right pole only	B	3VL9 400-1UQ00	1 unit	0.131	B	3VL9 800-1UQ00	1 unit	0.166
380-415	–	right pole only	B	3VL9 400-1UJ00	1 unit	0.119	B	3VL9 800-1UJ00	1 unit	0.158
440-480	–	right pole only	B	3VL9 400-1UK00	1 unit	0.140	B	3VL9 800-1UK00	1 unit	0.172
500-525	–	right pole only	B	3VL9 400-1UL00	1 unit	0.120	B	3VL9 800-1UL00	1 unit	0.172
600	–	right pole only	B	3VL9 400-1UT00	1 unit	0.140	B	3VL9 800-1UT00	1 unit	0.168

#### Time-delay device for undervoltage release (DC 220-250 V)

Rated control supply voltage  $U_s$   
AC/DC 220 V–250 V

Delay time

> 200 ms

A

3TX4 701-0AN1

1 unit

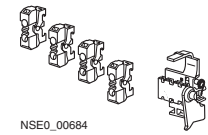
0.169

A

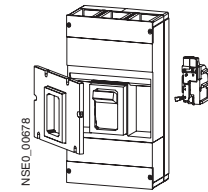
3TX4 701-0AN1

1 unit

0.169



NSE0\_00684



NSE0\_00678

- 1) Except for mounting in the left accessory sub-section of the SENTRON VL160X circuit-breakers with RCD module and the SENTRON VL160, VL250 circuit-breakers with electronic overcurrent trip units, since this sub-section is occupied by the tripping solenoid. For this application only, a 3SB adapter can be installed in the N pole (for 4-pole circuit-breakers only).
- 2) In the case of VL160X to VL400: shunt release with disconnection contact (3SB3 for ON/OFF position) not isolated (see Page 4/128).
- 3) In the case of VL400: unsuitable for mounting in the right-hand accessory sub-section. The 3VL9 400-2AB00 installation kit with auxiliary switches only is recommended.
- 4) A switching element can be mounted.