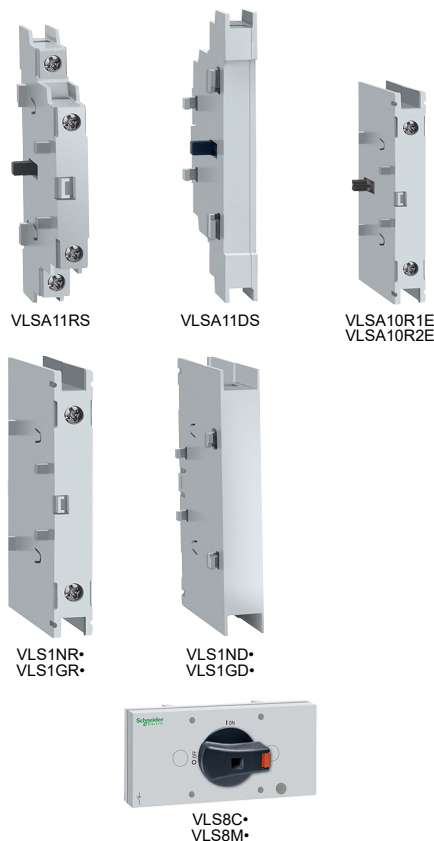




Add-on Blocks

Table 8.35: Operational Specifications

Auxiliary contacts	
IEC conventional free air thermal current (Ith)	10 A
UL/CSA and IEC/EN 60947-5-1 designation	A600-Q600
Tightening torque	0.8 N•m (7.1 lb-in.)
Other devices	
Tightening torque	VLS1NR1/D1, VLS1GR1/D1 terminals 1.8–2 N•m (16–18 lb-in)
	VLS1NR2/D2, VLS1GR2/D2 terminals 5–6 N•m (45–54 lb-in)
	VLS8C1/C2, VLS8M1/M2 mounting: 0.5 N•m (4.4 lb-in) extension with handle: 0.8 N•m (7.1 lb-in)

Table 8.36: Selection—Add-on Blocks

Catalog number	Specifications
Auxiliary contacts, simultaneous operation with respect to switch poles	
VLSA11RS	1NO+1NC for VLS3P***R• and VLS3P063R1
VLSA11DS	1NO+1NC for VLS3P***D•
Auxiliary contacts, early-break operation with respect to switch poles	
VLSA10R1E	1EB (NO) for VLS3P016R1–VLS3P040R1, VLS3P063R1
VLSA10R2E	1EB (NO) for VLS3P063R2–VLS3P125R2
Neutral terminal	
VLS1NR1	For VLS3P016R1–VLS3P040R1, VLS3P063R1
VLS1NR2	For VLS3P063R2–VLS3P125R2
VLS1ND1	For VLS3P016D1–VLS3P040D1
VLS1ND2	For VLS3P063D2–VLS3P125D2
Earth/Ground terminal	
VLS1GR1	For VLS3P016R1–VLS3P040R1, VLS3P063R1
VLS1GR2	For VLS3P063R2–VLS3P125R2
VLS1GD1	For VLS3P016D1–VLS3P040D1
VLS1GD2	For VLS3P063D2–VLS3P125D2
Mechanical interlock for line changeover (I–O–II)	
VLS8C1	For VLS3P016R1–VLS3P040R1, VLS3P063R1, and VLSH2S5BC: □ 5 mm (0.2 in.) [9]
VLS8C2	For VLS3P063R2–VLS3P125R2 and VLSH2S5BC: □ 5 mm (0.2 in.) [9]
Mechanical coupling system for 6–8 pole disconnect switches	
VLS8M1	For VLS3P016R1–VLS3P040R1 and VLS3P063R1: □ 5 mm (0.2 in.) [9]
VLS8M2	For VLS3P063R2–VLS3P125R2: □ 7 mm (0.3 in.) [10]

Strokes of VLS poles (switch with auxiliary contact blocks)

Travel 0 → 1		0°	30°	60°	90°
VLS3P016R1/D1, VLS3P040R1/D1, VLS3P063R1				60°	
Main poles					
VLSA11RS/DS				60°	
Auxiliary contacts (1 NO + 1 NC)		NO			
		NC			
VLSA10R1E			40°		
Auxiliary contact			Travel 0 → 1	60°	
(1EB – NO early break)			Travel 1 → 0	70°	
VLS3P063R2/D2...VLS3P125R2/D2				55°	
Main poles					
VLSA11RS/DS				45°	
Auxiliary contacts (1 NO + 1 NC)		NO			
		NC			
VLSA10R2E			25°		
Auxiliary contact			Travel 0 → 1	55°	
(1EB – NO early break)			Travel 1 → 0	65°	
			Off		On

[9] Use VLSS shaft extensions.

[10] Use VLSH3S7RD handles and VLSS***7 extensions for a rear-mounting version.