






B6, B7, BC6, BC7, TBC7 3- and 4-pole mini contactors VB6, VB7, VBC6, VBC7 3- and 4-pole mini reversing contactors

Technical data

Connection characteristics

Contactor types	AC operated	B6, VB6, VB6A	B7, VB7, VB7A
	DC operated	BC6, VBC6, VBC6A	BC7, TBC7, VBC7, VBC7A
Main terminals ¹⁾	 <p>Screw terminals with cable clamp</p>		
Connection capacity			
Main conductors (poles)			
 Rigid: solid	1 or 2 x	1 ... 4 mm ²	
 Flexible without ferrule	1 or 2 x	1 ... 2.5 mm ²	
Connection capacity acc. to UL/CSA	1 or 2 x	AWG 22 ... 10	
Stripping length	9 mm		
Tightening torques	0.8 ... 1.1 Nm / 7 lb.in		
Connection capacity – auxiliary conductors (built-in auxiliary terminals + coil terminals)			
 Rigid: solid	1 or 2 x	1 ... 4 mm ²	
 Flexible without ferrule	1 or 2 x	1 ... 2.5 mm ²	
Connection capacity acc. to UL/CSA	1 or 2 x	AWG 22 ... 10	
Stripping length	9 mm		
Tightening torques	0.8 ... 1.1 Nm / 7 lb.in		
Coil terminals	0.8 ... 1.1 Nm / 7 lb.in		
Built-in auxiliary terminals	0.8 ... 1.1 Nm / 7 lb.in		
Degree of protection acc. to IEC 60947-1 / EN 60947-1 and IEC 60529 / EN 60529			
Main terminals	IP20		
Coil terminals	IP20		
Built-in auxiliary terminals	IP20		
Screw terminals (Delivered in open position, screws of unused terminals must be tightened)			
All terminals	M3		
Screwdriver type	Flat Ø 5.5 mm / Pozidriv 1		

¹⁾ Soldering pin connection acc. to DIN 40801: 0.8 x 1 mm / 0.8 x 2.54 mm
Flat pin connection acc. to DIN 46248: 1 x 6.3 mm / 1 x 2.8 mm