

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

Technical data

Magnet system characteristics for B6, B7 contactors

Contactor types	AC operated	B6, VB6	B7, VB7
Coil operating limits acc. to IEC 60947-4-1	AC supply	0.85 ... 1.1 x U _c	
AC control voltage		See ordering tables	
Rated control circuit voltage U _c		See ordering tables	
Coil consumption	Average pull-in value	3.5 VA / 3.5 W	
	Average holding value	3.5 VA / 3.5 W	
Drop-out voltage		0.20 ... 0.75 % of U _c	

Magnet system characteristics for BC6, BC7 contactors

Contactor types	DC operated	BC6, VBC6	BC7, VBC7
Coil operating limits acc. to IEC 60947-4-1	DC supply	0.85 ... 1.1 x U _c	
AC control voltage		See ordering tables	
Rated control circuit voltage U _c		See ordering tables	
Coil consumption ¹⁾	Average pull-in value	3.5 VA / 3.5 W	
	Average holding value	3.5 VA / 3.5 W	
Drop-out voltage in % of U _{c min}		0.10 ... 0.75 x U _c	

¹⁾ Interface mini-contactors: see coil consumption on ordering details pages

Magnet system characteristics for TBC7 contactors

Contactor types	DC operated	TBC7
Coil operating limits acc. to IEC 60947-4-1	DC supply	Wide range voltage supply see ordering tables, U _{c min} ... U _{c max}
AC control voltage		See ordering tables
Rated control circuit voltage U _c		See ordering tables
Coil consumption	Average pull-in value	5 VA / 5 W
	Average holding value	5 VA / 5 W
Drop-out voltage in % of U _{c min}		≤ 0.20 % of U _{c min}

Mounting characteristics and conditions for use

Contactor types	AC operated	B6, VB6, VB6A	B7, VB7, VB7A
	DC operated	BC6, VBC6, VBC6A	BC7, TBC7, VBC7, VBC7A
Mounting positions			
Mounting distances	The contactors can be assembled side by side		
Fixing	<p>On rail acc. to IEC 60715, EN 60715</p> <p>By screws (not supplied)</p>		
	<p>35 x 7.5 mm or 35 x 15 mm</p> <p>2 x M4 screws placed diagonally</p>		