

BC6, BC7 3-pole interface mini contactors – with screw terminals

4 to 5.5 kW

DC operated



BC6-30-10



BC7-30-10

3

Description

BC6, BC7 3-pole interface mini contactors are compact control products mainly used for switching resistive or motor loads up to 690 V AC.

These contactors are designed with:

- 3 main poles and one built-in auxiliary contact
- control circuit: DC operated, very low coil consumption. Suitable for direct control by PLC outputs
- hum-free coil
- no auxiliary contact block permitted for mounting
- designed for rail or wall mounting

Ordering details

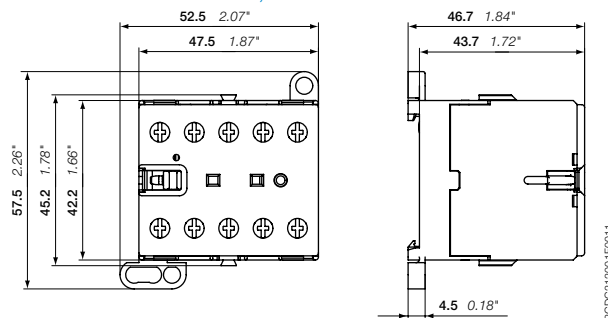
IEC		UL/CSA		Rated control circuit voltage U_c	Auxiliary contacts fitted 	Catalog number	Global code	Pkg qty	Weight (1 pce)	
Rated operational power	current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating							
400 V AC-3 kW	A	hp		V DC					kg	
DC operation 24 V / 1.4 W										
4	20	3	300 V / 12 A	24	1 0	BC6-30-10-1.4	GJL1213001R8101	10	0.175	
					0 1	BC6-30-01-1.4	GJL1213001R8011	10	0.175	
5.5	20	5	600 V / 16 A	24	1 0	BC7-30-10-1.4	GJL1313001R8101	10	0.175	
					0 1	BC7-30-01-1.4	GJL1313001R8011	10	0.175	
DC operation 17 ... 32 V / 2.4 W										
4	20	3	300 V / 12 A	17 ... 32	1 0	BC6-30-10-2.4	GJL1213001R5101	10	0.175	
					0 1	BC6-30-01-2.4	GJL1213001R5011	10	0.175	
5.5	20	5	600 V / 16 A	17 ... 32	1 0	BC7-30-10-2.4	GJL1313001R5101	10	0.175	
					0 1	BC7-30-01-2.4	GJL1313001R5011	10	0.175	

Connection to PLCs with integrated protective circuit

DC operation 24 V / 1.7 W										
4	20	3	300 V / 12 A	24	1 0	B6S-30-10-1.7	GJL1213001R7101	10	0.175	
					0 1	B6S-30-01-1.7	GJL1213001R7011	10	0.175	
5.5	20	5	600 V / 16 A	24	1 0	B7S-30-10-1.7	GJL1313001R7101	10	0.175	
					0 1	B7S-30-01-1.7	GJL1313001R7011	10	0.175	
DC operation 17 ... 32 V / 2.8 W										
4	20	3	300 V / 12 A	17 ... 32	1 0	B6S-30-10-2.8	GJL1213001R7102	10	0.175	
					0 1	B6S-30-01-2.8	GJL1213001R7012	10	0.175	
5.5	20	5	600 V / 16 A	17 ... 32	1 0	B7S-30-10-2.8	GJL1313001R7102	10	0.175	
					0 1	B7S-30-01-2.8	GJL1313001R7012	10	0.175	

Note: Other types on request

Main dimensions mm, inches



BC6, BC7