

AF09 ... AF38 3-pole contactors

5 to 20 hp at 480 V AC

AC / DC operated

2



AF09-30-10



AF26-30-00

Description

AF09 ... AF38 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC and 220 V DC. These contactors are of the block type design with 3 main poles.

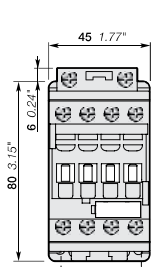
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...500V 50/60 Hz and 20...500 V DC
- can manage large control voltage variations
- reduced panel energy consumption
- very distinct closing and opening.
- built-in surge suppression
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

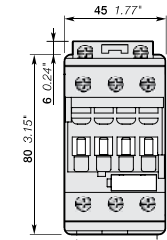
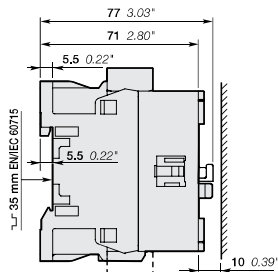
IEC Rated operational power		UL/CSA 3-phase motor rating 480 V	General use rating 600 V AC	Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted	Catalog number	Global reference code	Weight Pkg (1 pce)															
400 V AC-3 kW	AC-1 A $\theta \leq 40^\circ\text{C}$	hp	A	V 50/60 Hz	V DC				kg															
4	25	5	25	24...60	-	(1)	1 0	AF09-30-10-41	1SBL137001R4110	0,270														
							0 1	AF09-30-01-41	1SBL137001R4101	0,270														
				48...130	48...130	1 0	AF09-30-10-12	1SBL137001R1210	0,270	0 1	AF09-30-01-12	1SBL137001R1201	0,270											
														1 0	AF09-30-10-13	1SBL137001R1310	0,270							
																		0 1	AF09-30-01-13	1SBL137001R1301	0,270			
														1 0	AF09-30-10-14	1SBL137001R1410	0,310							
																		0 1	AF09-30-01-14	1SBL137001R1401	0,310			
														5.5	28	7.5	28					24...60	-	(1)
																		0 1	AF12-30-01-41	1SBL157001R4101	0,270			
																		48...130	48...130	1 0	AF12-30-10-12	1SBL157001R1210	0,270	0 1
1 0	AF12-30-10-13	1SBL157001R1310	0,270																					
				0 1	AF12-30-01-13	1SBL157001R1301	0,270																	
1 0	AF12-30-10-14	1SBL157001R1410	0,310																					
				0 1	AF12-30-01-14	1SBL157001R1401	0,310																	
7.5	30	10	30					24...60	-	(1)	1 0	AF16-30-10-41	1SBL177001R4110											
				0 1	AF16-30-01-41	1SBL177001R4101	0,270																	
				48...130	48...130	1 0	AF16-30-10-12	1SBL177001R1210	0,270	0 1	AF16-30-01-12	1SBL177001R1201	0,270											
														1 0	AF16-30-10-13	1SBL177001R1310	0,270							
																		0 1	AF16-30-01-13	1SBL177001R1301	0,270			
														1 0	AF16-30-10-14	1SBL177001R1410	0,310							
																		0 1	AF16-30-01-14	1SBL177001R1401	0,310			
														11	45	15	45					24...60	-	(1)
																		0 0	AF26-30-00-12	1SBL237001R1200	0,310			
																		48...130	48...130	0 0	AF26-30-00-13	1SBL237001R1300	0,310	0 0
0 0	AF26-30-00-13	1SBL237001R1300	0,310																					
				0 0	AF26-30-00-14	1SBL237001R1400	0,350																	
0 0	AF30-30-00-13	1SBL277001R1300	0,310																					
				0 0	AF30-30-00-14	1SBL277001R1400	0,350																	
15	50	20	50					24...60	-	(1)	0 0	AF30-30-00-41	1SBL277001R4100											
				0 0	AF30-30-00-12	1SBL277001R1200	0,310																	
				48...130	48...130	0 0	AF30-30-00-13	1SBL277001R1300	0,310	0 0	AF30-30-00-14	1SBL277001R1400	0,350											
														0 0	AF30-30-00-13	1SBL277001R1300	0,310							
																		0 0	AF30-30-00-14	1SBL277001R1400	0,350			
														0 0	AF38-30-00-13	1SBL297001R1300	0,310							
																		0 0	AF38-30-00-14	1SBL297001R1400	0,350			
														18.5	50	20	50					24...60	-	(1)
																		0 0	AF38-30-00-12	1SBL297001R1200	0,310			
																		48...130	48...130	0 0	AF38-30-00-13	1SBL297001R1300	0,310	0 0
0 0	AF38-30-00-13	1SBL297001R1300	0,310																					
				0 0	AF38-30-00-14	1SBL297001R1400	0,350																	

(1) For 24...60 V 50/60 Hz - 20...60 V DC, use AF..-30-..-11 (see voltage code table), AF..-30-..-11 not suitable for direct control by PLC-output.

Main dimensions mm, inches



AF09, AF12, AF16



AF26, AF30, AF38

