

# AF09 ... AF38 2-stack 3-pole contactors

## 4 to 18.5 kW

### AC / DC operated



AF09-30-22

1SBC101002V0014



AF26-30-11

1SBC101003V0014



AF26-30-22

1SBC101004V0014

### 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 (1st stack):

- 2nd stack with permanently fixed auxiliary contact block. The built-in auxiliary contact elements are mechanically linked (side-marked symbol) and the N.C. auxiliary contacts are mirror contacts
- 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...500 V 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 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	Type (1)	Order code	Weight Pkg (1 pce)					
			V 50/60 Hz	V DC									
400 V AC-3 kW	AC-1 A	hp	A										
				θ ≤ 40 °C									
				25	5	25	24...60	-	(2)	2 2	AF09-30-22-41	1SBL137001R4122	0.320
							48...130	48...130		2 2	AF09-30-22-12	1SBL137001R1222	0.320
5.5	28	7.5	28	24...60	-	(2)	2 2	AF09-30-22-13	1SBL137001R1322	0.320			
				48...130	48...130		2 2	AF09-30-22-14	1SBL137001R1422	0.360			
				100...250	100...250		2 2	AF12-30-22-41	1SBL157001R4122	0.320			
				250...500	250...500		2 2	AF12-30-22-12	1SBL157001R1222	0.320			
7.5	30	10	30	24...60	-	(2)	2 2	AF12-30-22-13	1SBL157001R1322	0.320			
				48...130	48...130		2 2	AF12-30-22-14	1SBL157001R1422	0.360			
				100...250	100...250		2 2	AF16-30-22-41	1SBL177001R4122	0.320			
				250...500	250...500		2 2	AF16-30-22-12	1SBL177001R1222	0.320			
11	45	15	45	24...60	-	(2)	2 2	AF16-30-22-13	1SBL177001R1322	0.320			
				48...130	48...130		2 2	AF16-30-22-14	1SBL177001R1422	0.360			
				100...250	100...250		1 1	AF26-30-11-41	1SBL237001R4111	0.350			
				250...500	250...500		2 2	AF26-30-22-41	1SBL237001R4122	0.360			
15	50	20	50	24...60	-	(2)	2 2	AF26-30-22-12	1SBL237001R1222	0.360			
				48...130	48...130		1 1	AF26-30-11-12	1SBL237001R1211	0.350			
				100...250	100...250		2 2	AF26-30-22-12	1SBL237001R1222	0.360			
				250...500	250...500		1 1	AF26-30-11-13	1SBL237001R1311	0.350			
18.5	50	25	50	24...60	-	(2)	2 2	AF26-30-22-13	1SBL237001R1322	0.360			
				48...130	48...130		2 2	AF26-30-22-13	1SBL237001R1322	0.360			
				100...250	100...250		1 1	AF26-30-11-14	1SBL237001R1411	0.390			
				250...500	250...500		2 2	AF26-30-22-14	1SBL237001R1422	0.400			
				24...60	-	(2)	1 1	AF30-30-11-41	1SBL277001R4111	0.350			
				48...130	48...130		2 2	AF30-30-22-41	1SBL277001R4122	0.360			
				100...250	100...250		1 1	AF30-30-11-12	1SBL277001R1211	0.350			
				250...500	250...500		2 2	AF30-30-22-12	1SBL277001R1222	0.360			
				24...60	-	(2)	1 1	AF30-30-11-13	1SBL277001R1311	0.350			
				48...130	48...130		2 2	AF30-30-22-13	1SBL277001R1322	0.360			
				100...250	100...250		1 1	AF30-30-11-14	1SBL277001R1411	0.390			
				250...500	250...500		2 2	AF30-30-22-14	1SBL277001R1422	0.400			
				24...60	-	(2)	1 1	AF38-30-11-41	1SBL297001R4111	0.350			
				48...130	48...130		2 2	AF38-30-22-41	1SBL297001R4122	0.360			
				100...250	100...250		1 1	AF38-30-11-12	1SBL297001R1211	0.350			
				250...500	250...500		2 2	AF38-30-22-12	1SBL297001R1222	0.360			
				24...60	-	(2)	1 1	AF38-30-11-13	1SBL297001R1311	0.350			
				48...130	48...130		2 2	AF38-30-22-13	1SBL297001R1322	0.360			
				100...250	100...250		1 1	AF38-30-11-14	1SBL297001R1411	0.390			
				250...500	250...500		2 2	AF38-30-22-14	1SBL297001R1422	0.400			

(1) For other auxiliary contacts arrangements, please contact your ABB local sales organization.

(2) For 24...60 V 50/60 Hz - 20...60 V DC, use AF..Z-30-...-21.  
AF..-30-...-11 not suitable for direct control by PLC-output.

### Main dimensions mm, inches

