AF40 ... AF96 3-pole contactors
18.5 to 45 kW
AC / DC operated



AF40-30-00



AF80-30-00

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Description

AF40 ... AF96 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.

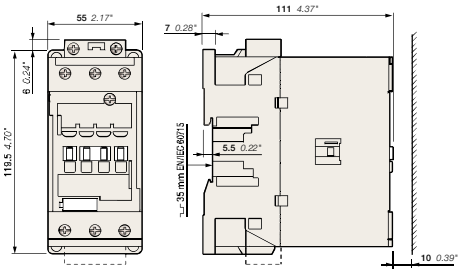
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...500 V 50/60 Hz and 20...500 V DC
  - can manage large control voltage variations
  - reduced panel energy consumption
 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

Ordering details

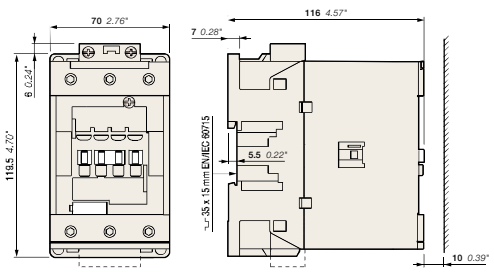
IEC		UL / CSA		Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted		Type	Order code		Weight
Rated operational power 400 V AC-3	current θ ≤ 40 °C AC-1	3-phase motor rating 480 V	General use rating 600 V AC								Pkg (1 pce)
kW	A	hp	A	V 50/60 Hz	V DC						kg
18.5	70	30	60	24...60	-	0	0	AF40-30-00-41	1SBL347001R4100		0.970
				24...60	20...60 (1)	0	0	AF40-30-00-11	1SBL347001R1100		0.970
				48...130	48...130	0	0	AF40-30-00-12	1SBL347001R1200		0.970
				100...250	100...250	0	0	AF40-30-00-13	1SBL347001R1300		0.950
				250...500	250...500	0	0	AF40-30-00-14	1SBL347001R1400		0.950
22	100	40	80	24...60	-	0	0	AF52-30-00-41	1SBL367001R4100		0.970
				24...60	20...60 (1)	0	0	AF52-30-00-11	1SBL367001R1100		0.970
				48...130	48...130	0	0	AF52-30-00-12	1SBL367001R1200		0.970
				100...250	100...250	0	0	AF52-30-00-13	1SBL367001R1300		0.950
				250...500	250...500	0	0	AF52-30-00-14	1SBL367001R1400		0.950
30	105	50	90	24...60	-	0	0	AF65-30-00-41	1SBL387001R4100		0.970
				24...60	20...60 (1)	0	0	AF65-30-00-11	1SBL387001R1100		0.970
				48...130	48...130	0	0	AF65-30-00-12	1SBL387001R1200		0.970
				100...250	100...250	0	0	AF65-30-00-13	1SBL387001R1300		0.950
				250...500	250...500	0	0	AF65-30-00-14	1SBL387001R1400		0.950
37	125	60	105	24...60	-	0	0	AF80-30-00-41	1SBL397001R4100		1.220
				24...60	20...60 (1)	0	0	AF80-30-00-11	1SBL397001R1100		1.220
				48...130	48...130	0	0	AF80-30-00-12	1SBL397001R1200		1.220
				100...250	100...250	0	0	AF80-30-00-13	1SBL397001R1300		1.170
				250...500	250...500	0	0	AF80-30-00-14	1SBL397001R1400		1.170
45	130	60	115	24...60	-	0	0	AF96-30-00-41	1SBL407001R4100		1.220
				24...60	20...60 (1)	0	0	AF96-30-00-11	1SBL407001R1100		1.220
				48...130	48...130	0	0	AF96-30-00-12	1SBL407001R1200		1.220
				100...250	100...250	0	0	AF96-30-00-13	1SBL407001R1300		1.170
				250...500	250...500	0	0	AF96-30-00-14	1SBL407001R1400		1.170

(1) AF..-30-..-11 not suitable for direct control by PLC-output.

Main dimensions mm, *inches*



AF40, AF52, AF65



AF80, AF96

1SBC101740S0201