

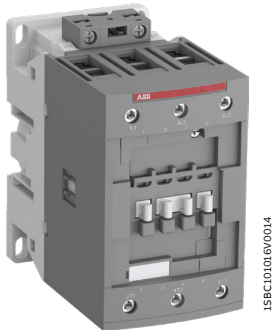
## AF40 ... AF96 3-pole contactors

18.5 to 45 kW

AC / DC operated



AF40-30-00



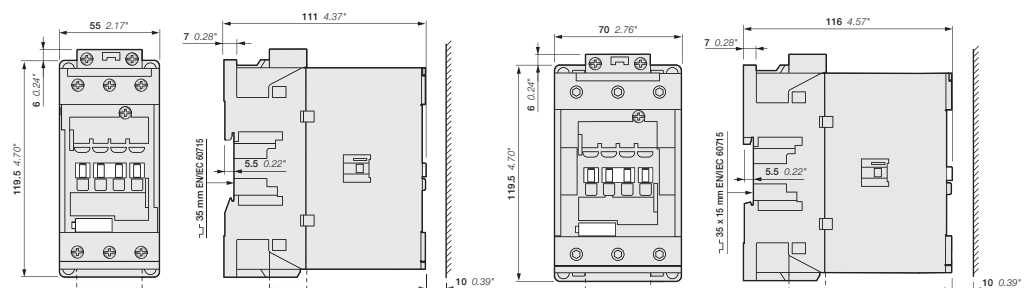
AF80-30-00

AF40 ... AF96 contactors are mainly used for controlling 3-phase motors and power circuits up to 1000 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
  - can withstand short voltage dips and voltage sags (SEMI F47-0706 conditions of use on request).
- built-in surge suppression
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

IEC	UL / CSA	Rated operational power	Rated operational current	3-phase motor rating	General use rating	Rated control circuit voltage	Auxiliary contacts fitted	Type (1)	Order code	Weight
			$\theta \leq 40^\circ\text{C}$			Uc min. ... Uc max.				Pkg (1 pce)
400 V AC-3			AC-1							kg
kW	A	hp	A			V 50/60 Hz V DC				
18.5	70	30	60			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 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 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 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
45/55	130	60/75	115			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) For control by PLC-output, use RA4 interface relay.



AF40, AF52, AF65

AF80, AF96

Main dimensions mm, inches