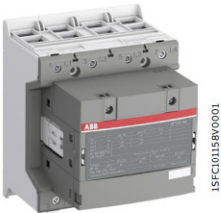
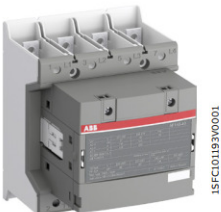


AF116 ... AF140 4-pole contactors

160 to 200 A AC-1
AC / DC operated



AF140-40-00



AF140-40-00B

AF116 ... AF140 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 350 V DC. These contactors are of the block type design with 4 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 coils to cover control voltages between 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 conditions of use on request).
- built-in surge suppression
- add-on auxiliary contact blocks for side mounting and a wide range of accessories.

IEC	UL / CSA	Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted	Type (1)	Order code	Weight
Rated operational current $\theta \leq 40\text{ }^{\circ}\text{C}$ AC-1	General use rating 600 V AC						Pkg (1 pce)
A	A	V 50/60 Hz	V DC				kg

4 N.O. main poles

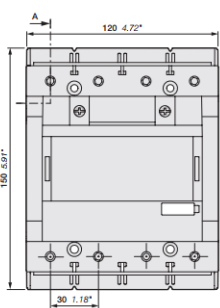
For connection with built-in cable clamps

160	160	24...60	20...60	0 0	AF116-40-00-11	1SFL427101R1100	2.250
		48...130	48...130	0 0	AF116-40-00-12	1SFL427101R1200	2.250
		100...250	100...250	0 0	AF116-40-00-13	1SFL427101R1300	2.250
		250...500	250...500	0 0	AF116-40-00-14	1SFL427101R1400	2.250
200	175	24...60	20...60	0 0	AF140-40-00-11	1SFL447101R1100	2.250
		48...130	48...130	0 0	AF140-40-00-12	1SFL447101R1200	2.250
		100...250	100...250	0 0	AF140-40-00-13	1SFL447101R1300	2.250
		250...500	250...500	0 0	AF140-40-00-14	1SFL447101R1400	2.250

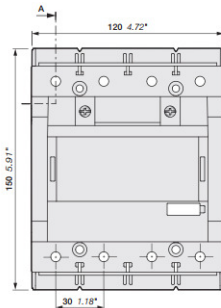
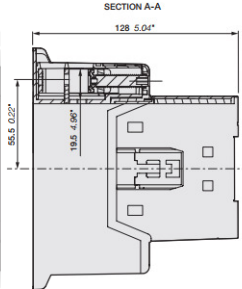
With bar connections

160	160	24...60	20...60	0 0	AF116-40-00B-11	1SFL427102R1100	2.150
		48...130	48...130	0 0	AF116-40-00B-12	1SFL427102R1200	2.150
		100...250	100...250	0 0	AF116-40-00B-13	1SFL427102R1300	2.150
		250...500	250...500	0 0	AF116-40-00B-14	1SFL427102R1400	2.150
200	175	24...60	20...60	0 0	AF140-40-00B-11	1SFL447102R1100	2.150
		48...130	48...130	0 0	AF140-40-00B-12	1SFL447102R1200	2.150
		100...250	100...250	0 0	AF140-40-00B-13	1SFL447102R1300	2.150
		250...500	250...500	0 0	AF140-40-00B-14	1SFL447102R1400	2.150

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



AF116, AF140-40-00



AF116, AF140-40-00B

Main dimensions mm, inches