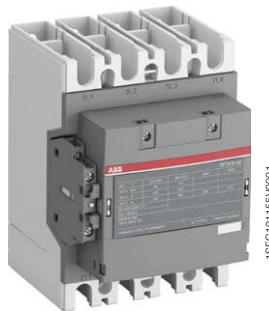


# AF190 ... AF370 4-pole contactors

## 275 to 525 A AC-1

### AC / DC operated with 1 N.O. + 1 N.C. auxiliary contacts



AF205-40-11





AF370-40-11

#### Description

AF190 ... AF370 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 1000 V AC and 440 V DC. These contactors are of the block type design with 4 main poles.

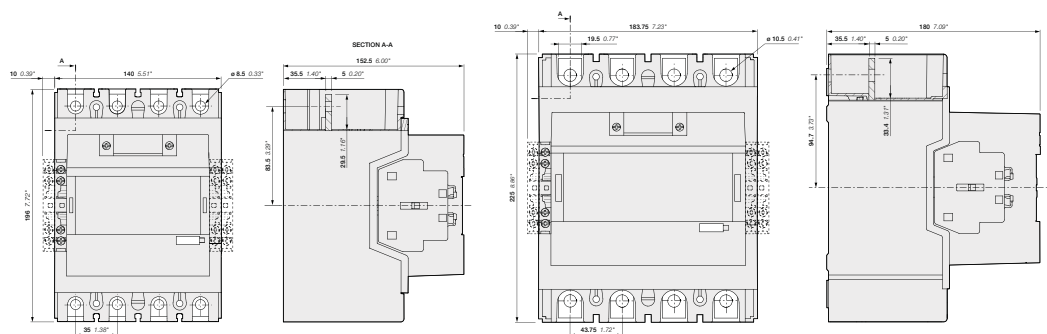
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 coils to cover control voltages between 24...500 V 50/60 Hz and 20...500 V DC
- can manage large control voltage variations
- reduced panel energy consumption
- 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.

#### Ordering details

IEC	UL / CSA	Rated control circuit voltage		Auxiliary contacts fitted	Type (1)	Order code	Weight
Rated operational current $\theta \leq 40^\circ\text{C}$ AC-1	General use rating 600 V AC	Uc min. ...	Uc max.				Pkg (1 pce)
A	A	V 50/60 Hz	V DC	 			kg
<b>4 N.O. main poles</b>							
275	230	24...60	20...60	1 1	AF190-40-11-11	1SFL487102R1111	3.920
		48...130	48...130	1 1	AF190-40-11-12	1SFL487102R1211	3.920
		100...250	100...250	1 1	AF190-40-11-13	1SFL487102R1311	3.920
		250...500	250...500	1 1	AF190-40-11-14	1SFL487102R1411	3.920
350	250	24...60	20...60	1 1	AF205-40-11-11	1SFL527102R1111	3.920
		48...130	48...130	1 1	AF205-40-11-12	1SFL527102R1211	3.920
		100...250	100...250	1 1	AF205-40-11-13	1SFL527102R1311	3.920
		250...500	250...500	1 1	AF205-40-11-14	1SFL527102R1411	3.920
400	300	24...60	20...60	1 1	AF265-40-11-11	1SFL547102R1111	6.380
		48...130	48...130	1 1	AF265-40-11-12	1SFL547102R1211	6.380
		100...250	100...250	1 1	AF265-40-11-13	1SFL547102R1311	6.380
		250...500	250...500	1 1	AF265-40-11-14	1SFL547102R1411	6.380
500	350	24...60	20...60	1 1	AF305-40-11-11	1SFL587102R1111	6.380
		48...130	48...130	1 1	AF305-40-11-12	1SFL587102R1211	6.380
		100...250	100...250	1 1	AF305-40-11-13	1SFL587102R1311	6.380
		250...500	250...500	1 1	AF305-40-11-14	1SFL587102R1411	6.380
525	420	24...60	20...60	1 1	AF370-40-11-11	1SFL607102R1111	6.380
		48...130	48...130	1 1	AF370-40-11-12	1SFL607102R1211	6.380
		100...250	100...250	1 1	AF370-40-11-13	1SFL607102R1311	6.380
		250...500	250...500	1 1	AF370-40-11-14	1SFL607102R1411	6.380

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

#### Main dimensions mm, inches



AF190, AF205

AF265, AF305, AF370