

AF1250 ... AF2650 3-pole contactors

800 to 900 hp at 480 V AC and up to 2700 A general use AC / DC operated with 1 N.O. + 1 N.C. auxiliary contacts

2



AF1250-30-11



AF2650-30-11

Description

AF1250 ... AF2050 contactors are mainly used for controlling power circuits up to 1000 V AC or 850 V DC, AF2650 for controlling power up to 1000 V AC. 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 coils for AF1250 to cover control voltages between 48...500 V 50/60 Hz and 24...500 V DC
– only 1 coil for AF1350 ... AF2650 to cover control voltages between 100...250 V 50/60 Hz and 100...250 V DC

– can manage large control voltage variations

– reduced panel energy consumption

– very distinct closing and opening

– can withstand short voltage dips and voltages 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

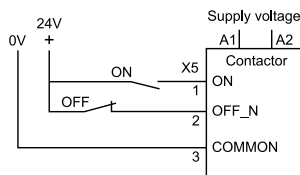
IEC		UL/CSA		Rated control circuit voltage Uc (1)		Auxiliary contacts fitted	Catalog number	Global reference code	Weight Pkg (1 pce)
Rated operational power	current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating	V 50/60 Hz	V DC				
400 V AC-3	690 V AC-1	480 V	600 V AC (2)						kg
-	1260	-	1210	-	24...60 (1)	1 1	AF1250-30-11-68	1SFL647001R6811	16.000
				48...130	48...130	1 1	AF1250-30-11-69	1SFL647001R6911	16.000
				100...250	100...250	1 1	AF1250-30-11-70	1SFL647001R7011	16.000
				250...500	250...500	1 1	AF1250-30-11-71	1SFL647001R7111	16.000
475	1350	800	1350	100...250	100...250	1 1	AF1350-30-11-70	1SFL657001R7011	34.000
560	1650	900	1650	100...250	100...250	1 1	AF1650-30-11-70	1SFL677001R7011	35.000
-	2050	-	2100	100...250	100...250	1 1	AF2050-30-11-70	1SFL707001R7011	35.000
-	2650	-	2700	100...250	100...250	1 1	AF2650-30-11-70	1SFL667001R7011	45.000

(1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative pole.

(2) AF2650 : Maximum operational voltage = 1000 V according to UL / CSA.

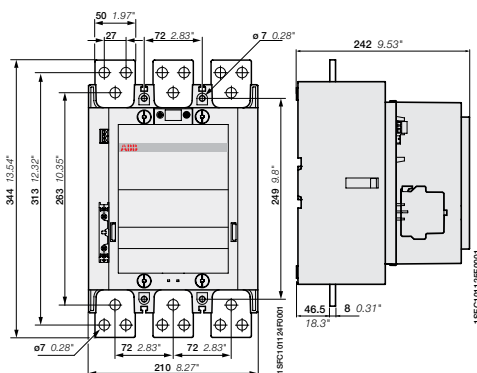
Control inputs

AF1250 ... AF2650 are equipped with low voltage inputs for control, for example by a PLC

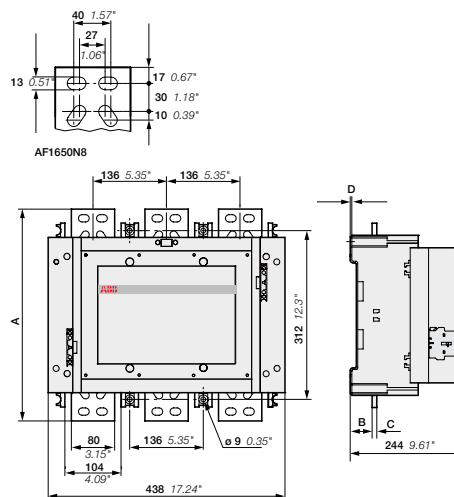


	AF1350, AF1650, AF2050	AF2650
A	392 mm / 15.43"	422 mm / 16.61"
B	47 mm / 1.85"	53.5 mm / 2.11"
C	10 mm / 0.39"	25 mm / 0.98"
D	3 mm / 0.12"	-

Main dimensions mm, inches



AF1250



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