

# AF400 ... AF750 3-pole contactors

## 200 to 400 kW

### AC / DC operated with 2 N.O. + 2 N.C. auxiliary contacts



AF460-30-22

1SFC101081W0001



AF750-30-22

1SFC101081W0001

#### Description

- AF400 ... AF750 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC or 600 V DC (2). 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 to cover control voltages between 48...500 V 50/60 Hz and 24...500 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.

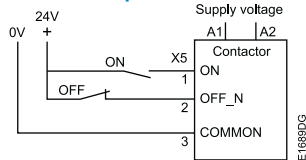
#### Ordering details

IEC Rated operational power 400 V AC-3 kW	UL/CSA 3-phase motor rating hp	General use rating A	Rated control circuit voltage Uc		Auxiliary contacts fitted		Type	Order code	Weight Pkg (1 pce) kg
			Rated operational current $\theta \leq 40^\circ\text{C}$ 690 V AC-1 A	3-phase motor rating 480 V hp	V 50/60 Hz	V DC			
200	350	550	-	24...60	2	2	AF400-30-22	1SFL577001R6822 (1)	12.000
				48...130	2	2	AF400-30-22	1SFL577001R6922	12.000
				100...250	2	2	AF400-30-22	1SFL577001R7022	12.000
				250...500	2	2	AF400-30-22	1SFL577001R7122	12.000
250	400	650	-	24...60	2	2	AF460-30-22	1SFL597001R6822 (1)	12.000
				48...130	2	2	AF460-30-22	1SFL597001R6922	12.000
				100...250	2	2	AF460-30-22	1SFL597001R7022	12.000
				250...500	2	2	AF460-30-22	1SFL597001R7122	12.000
315	500	750	-	24...60	2	2	AF580-30-22	1SFL617001R6822 (1)	15.000
				48...130	2	2	AF580-30-22	1SFL617001R6922	15.000
				100...250	2	2	AF580-30-22	1SFL617001R7022	15.000
				250...500	2	2	AF580-30-22	1SFL617001R7122	15.000
400	600	900	-	24...60	2	2	AF750-30-22	1SFL637001R6822 (1)	15.000
				48...130	2	2	AF750-30-22	1SFL637001R6922	15.000
				100...250	2	2	AF750-30-22	1SFL637001R7022	15.000
				250...500	2	2	AF750-30-22	1SFL637001R7122	15.000

- (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) Up to 850 V DC for AF580, AF750.

AF400...AF750 are equipped with low voltage inputs for control, for example by a PLC.

#### Control inputs



#### Main dimensions mm, inches

