

AF40 ... AF80 4-pole contactors

70 to 125 A AC-1

AC / DC operated



AF40-40-00



AF80-40-00

Description

AF40 ... AF80 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 440 V DC. These contactors are of the block type design with 4 main poles.

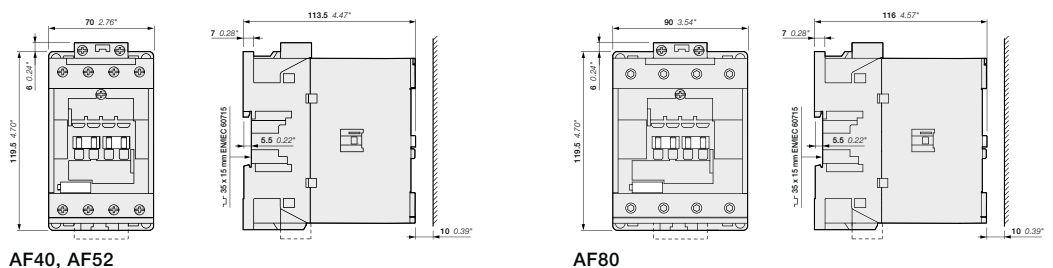
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...500 V 50/60 Hz and 20...500 V DC
- can manage large control voltage variations
- reduced panel energy consumption
- very distinct closing and opening.
- built-in surge suppression
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

| IEC Rated operational current $\theta \leq 40^\circ\text{C}$ AC-1 A | UL/CSA General use rating 600 V AC A | Rated control circuit voltage Uc min. ... Uc max. | | Auxiliary contacts fitted | Type (1) | Order code | Weight Pkg (1 pce) kg |
|---|---|--|-------------|-------------------------------|---------------|-----------------|-----------------------------|
| | | V 50/60 Hz | V DC | | | | |
| 4 N.O. Main Poles | | | | | | | |
| 70 | 60 | 24...60 | - | 0 0 | AF40-40-00-41 | 1SBL347201R4100 | 1.210 |
| | | 24...60 | 20...60 (1) | 0 0 | AF40-40-00-11 | 1SBL347201R1100 | 1.210 |
| | | 48...130 | 48...130 | 0 0 | AF40-40-00-12 | 1SBL347201R1200 | 1.210 |
| | | 100...250 | 100...250 | 0 0 | AF40-40-00-13 | 1SBL347201R1300 | 1.160 |
| | | 250...500 | 250...500 | 0 0 | AF40-40-00-14 | 1SBL347201R1400 | 1.160 |
| 100 | 80 | 24...60 | - | 0 0 | AF52-40-00-41 | 1SBL367201R4100 | 1.210 |
| | | 24...60 | 20...60 (1) | 0 0 | AF52-40-00-11 | 1SBL367201R1100 | 1.210 |
| | | 48...130 | 48...130 | 0 0 | AF52-40-00-12 | 1SBL367201R1200 | 1.210 |
| | | 100...250 | 100...250 | 0 0 | AF52-40-00-13 | 1SBL367201R1300 | 1.160 |
| | | 250...500 | 250...500 | 0 0 | AF52-40-00-14 | 1SBL367201R1400 | 1.160 |
| 125 | 105 | 24...60 | - | 0 0 | AF80-40-00-41 | 1SBL397201R4100 | 1.490 |
| | | 24...60 | 20...60 (1) | 0 0 | AF80-40-00-11 | 1SBL397201R1100 | 1.490 |
| | | 48...130 | 48...130 | 0 0 | AF80-40-00-12 | 1SBL397201R1200 | 1.490 |
| | | 100...250 | 100...250 | 0 0 | AF80-40-00-13 | 1SBL397201R1300 | 1.440 |
| | | 250...500 | 250...500 | 0 0 | AF80-40-00-14 | 1SBL397201R1400 | 1.440 |
| 2 N.O. + 2 N.C. Main Poles | | | | | | | |
| 70 | 60 | 24...60 | - | 0 0 | AF40-22-00-41 | 1SBL347501R4100 | 1.210 |
| | | 24...60 | 20...60 (1) | 0 0 | AF40-22-00-11 | 1SBL347501R1100 | 1.210 |
| | | 48...130 | 48...130 | 0 0 | AF40-22-00-12 | 1SBL347501R1200 | 1.210 |
| | | 100...250 | 100...250 | 0 0 | AF40-22-00-13 | 1SBL347501R1300 | 1.160 |
| | | 250...500 | 250...500 | 0 0 | AF40-22-00-14 | 1SBL347501R1400 | 1.160 |
| 125 | 105 | 24...60 | - | 0 0 | AF80-22-00-41 | 1SBL397501R4100 | 1.490 |
| | | 24...60 | 20...60 (1) | 0 0 | AF80-22-00-11 | 1SBL397501R1100 | 1.490 |
| | | 48...130 | 48...130 | 0 0 | AF80-22-00-12 | 1SBL397501R1200 | 1.490 |
| | | 100...250 | 100...250 | 0 0 | AF80-22-00-13 | 1SBL397501R1300 | 1.440 |
| | | 250...500 | 250...500 | 0 0 | AF80-22-00-14 | 1SBL397501R1400 | 1.440 |

(1) AF.....-11 not suitable for direct control by PLC-output.

Main dimensions mm, inches



AF40, AF52

AF80