



RADE KONCAR CONTACTOR RELAY
CNNP
6A (AC15/AC14, 230V/50Hz)

| Contactor type | | | CNNP | |
|--|--|--------------------------------------|------------------------|-----------------|
| Mechanical endurance | | make/brake operations | ×10 ⁶ | 10 |
| Insulation rating | | | V | 690 |
| Permissible ambient temperature | | | °C | from -25 to +55 |
| Consumption of electromagnet in cold state with U _n | | | | |
| AC operated | closing | | VA | 62 |
| | P.F. | | | 0.75 |
| DC operated | closed | | VA | 7 |
| | P.F. | | | 0.3 |
| | closing | | W | 128 |
| | closed | | W | 2.8 |
| Coil voltage tolerances | | | 0.8-1.1 U _n | |
| Duration of making and breaking | | | | |
| AC operated | closing time | | ms | 12-22 |
| | opening time | | ms | 4-19 |
| DC operated | duration of electric arc | | ms | 10 |
| | closing time | | ms | - |
| | opening time | | ms | - |
| | duration of electric arc | | ms | - |
| Frequency of switching operations | | | | |
| without thermal reley | | | | |
| utilization category | | AC15 | s/h | 3600 |
| | | AC 1 | s/h | 2000 |
| | | AC2;AC3 | s/h | 1000 |
| | | AC4 | s/h | 250 |
| with thermal relay | | | s/h | 15 |
| Resistivity to shocks | | (square shock) | g/ms | 10/4 and 5/8 |
| Maximum permissible fuse rating for contactors without relays | | | | |
| max short circuit current 1 kA | | | | |
| Main circuit fuse-links, time lagging | | | A | 16 |
| | | fuse-links, time -lagging | A | 20 |
| | | fuse-links, quick -lagging | A | 16 |
| Sizes of connection conductors | | | | |
| for contactors without thermal relay | | | | |
| main circuit | | single-wire conductors | mm ² | 1-2.5 |
| | | multi-wire conductor with cable shoe | mm ² | 0.75-1.5 |
| Loadability of auxiliary contacts of contactors CNNP | | | | |
| Rated continuous current | | lth ; 35C | A | 16 |
| AC rated operational current I _e /AC15 | | for 230V | A | 6 |
| | | 400V | A | 4 |
| | | 500V | A | 4 |
| | | 690V | A | 2.5 |
| | | | | |
| DC rated operational current I _e /DC1 | L/R≤1 ms | for 24V | A | 6 |
| | | 110V | A | 2 |
| | | 230V | A | 0.6 |
| | | 440V | A | 0.3 |
| rated operational current I _e /AC13 | (with series connsection of 3 current paths) | 600V | A | 0.15 |
| | | for 24V | A | 4 |
| | | 110V | A | 0.9 |
| | | 230V | A | 0.2 |
| | | 440V | A | 0.14 |
| | | 600V | A | 0.15 |
| | | | | |
| Motor ratings for utilization categories AC2.AC3 | | | | |

| | | | |
|-------------------|---------|-----------|----------|
| | at 230V | kW | 2.2 |
| | 400V | kW | 4 |
| | 500V | kW | 4 |
| | 690V | kW | 4 |
| Dimensions | | | |
| A | | mm | 45 |
| B | | mm | 72.2 |
| C | | mm | 71 |
| Weight | | g | 230 |

