



RADE KONČAR CAPACITOR CONTACTOR  
**CNNK 7.5**

In conformity with standard IEC 60947-4-1

| Contactor type   |                         |                 | CNNK 7.5    |
|--|-------------------------|-----------------|-------------|
| Capacitor rating   |                         |                 |             |
| at operating voltage   | 230V                    | kVAr            | 4           |
|  | <b>400-440V</b>         | <b>kVAr</b>     | <b>7,5</b>  |
| 50/60 Hz   | 500-550V                | kVAr            | 9           |
|  | 660-690V                | kVAr            | 11          |
| Rated operational current<br><b>Ie/AC at 400 V</b>                   |                         | <b>A</b>        | <b>11</b>   |
| Insulation rating  | U                       | V               | 690         |
| Permissible ambient temperature                                      |                         | °C              | -25 to +55  |
| Rated impuls withstand voltage                                       | Uimp                    | kV              | 6           |
| consumption of electromagnet<br>in cold state with Un<br>Ac operated |                         |                 |             |
|  | closing                 | VA              | 62          |
|  | p.f.                    |                 | 0,75        |
|  | closed                  | VA              | 7           |
|  | p.f.                    |                 | 0,3         |
| Coil   | Voltage tolerances      |                 | 0.85-1.1 Un |
|  | Tightening torque       |                 | 0,8         |
|  | Termal screw/screw head |                 | M3.5/PZ2    |
| Degree of protection   |                         |                 | IP20        |
| Maximum permissible fuse ratings                                     |                         |                 |             |
| main circuit gL/gG   |                         | A               | 40          |
| auxiliary circuit  |                         | A               | 16          |
| Frequency of switching operations                                    |                         | s/h             | 240         |
| Electrical endurance   |                         | min.            | 100.000     |
| Sizes of connecting conductors                                       |                         |                 |             |
| -main circuit  |                         |                 |             |
| multi-wire conductor   |                         | mm <sup>2</sup> | 2.5-10      |
| multi-wire conductor with cable shoe                                 |                         | mm <sup>2</sup> | 2.5-10      |
| Termal screw   |                         |                 | M4          |
| Screw head   |                         |                 | PZ2         |
| Tightening torque  |                         |                 | 1,4         |
| auxilliary circuit   |                         |                 |             |
| multi-wire conductor   |                         | mm <sup>2</sup> | 1-2.5       |
| multi-wire conductor with cable shoe                                 |                         | mm <sup>2</sup> | 0.75-1.5    |
| Termal screw   |                         |                 | M3.5        |

|  |    |     |
|--|----|-----|
| Screw head   |    | PZ2 |
| Tightening torque  | Nm | 0,8 |
| Loadability of auxiliary contacts<br>rated continuous current<br>Ith: 35 | A  | 10  |
| AC rated operational<br>current Ie/AC 15                                 |    |     |
| for 230V   | A  | 6   |
| 400V   | A  | 4   |
| 500V   | A  | 2   |
| 690V   | A  | 1   |

CNNK 7,5

Drilling plan (mm)

