



## RADE KONČAR CAPACITOR CONTACTOR CNNK 75

In conformity with standard IEC 60947-4-1

Contactor type			CNNK 75
Capacitor rating			
at operating voltage	230V	kVA <sub>r</sub>	38
	<b>400-440V</b>	<b>kVA<sub>r</sub></b>	<b>75</b>
50/60 Hz	500-550V	kVA <sub>r</sub>	80
	660-690V	kVA <sub>r</sub>	105
Rated operational current I <sub>e</sub> /AC-6b at 400 V		A	<b>108</b>
Rated operational current I <sub>th</sub> at 40 °C		A	150
Insulation rating U <sub>i</sub>		V	1000
Permissible ambient temperature		°C	-25 to +55
Rated impuls withstand voltage U <sub>imp</sub>		kV	8
consumption of electromagnet in cold state with U <sub>n</sub> Ac operated			
	closing	VA	204
	p.f. closed	VA	0.54
	p.f.		16
			0.26
Coil	Voltage tolerances		0.85-1.1 U <sub>n</sub>
	Tightening torque	Nm	0.8
	Termal screw/screw head		M3.5/PZ2
Degree of protection			IP20
Maximum permissible fuse ratings			
main circuit gL/gG		A	160
auxiliary circuit		A	16
Frequency of switching operations		s/h	100
Electrical endurance		min.	100,000
Sizes of connecting conductors			
-main circuit multi-wire conductor		mm <sup>2</sup>	25-50
multi-wire conductor with cable shoe		mm <sup>2</sup>	
Termal screw			M8
Screw head			⬡ 4
Tightening torque		Nm	5-6
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
Terminal screw		M3.5
Screw head		PZ2
Tightening torque	Nm	0.8
Loadability of auxiliary contacts		
rated continuous current I <sub>th</sub> : 35	A	16
AC rated operational current I <sub>e</sub> /AC 15		
for 230V	A	10
400V	A	6
500V	A	4
690V	A	2

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Drilling plan (mm)

