



## RADE KONČAR CAPACITOR CONTACTOR CNNK 70

In conformity with standard IEC 60947-4-1

Contactor type			CNNK 70
Capacitor rating			
at operating voltage	230V	kVAr	35
	<b>400-440V</b>	<b>kVAr</b>	<b>70</b>
50/60 Hz	500-550V	kVAr	75
	660-690V	kVAr	90
Rated operational current <b>Ie/AC-6b at 400 V</b>		<b>A</b>	<b>101</b>
Rated operational current Ith at 40 °C		A	137
Insulation rating	Ui	V	1000
Permissible ambient temperature		°C	-25 to +55
Rated impuls withstand voltage Uimp		kV	8
consumption of electromagnet in cold state with Un Ac operated			
	closing	VA	204
	p.f.		0.54
	closed	VA	16
	p.f.		0.26
Coil	Voltage tolerances		0.85-1.1 Un
	Tightening torque	Nm	0.8
	Terminal 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>	
Terminal screw			M8
Screw head			⬡ 4
Tightening torque		Nm	4-4.5
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)

