



RADE KONČAR CAPACITOR CONTACTOR CNNK 50

In conformity with standard IEC 60947-4-1

Contactor type			CNNK 50
Capacitor rating			
at operating voltage	230V	kVAr	29
	400-440V	kVAr	50
50/60 Hz	500-550V	kVAr	60
	660-690V	kVAr	70
Rated operational current Ie/AC-6b at 400 V		A	72
Rated operational current Ith at 40 °C		A	100
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	155
	p.f.		0.6
	closed	VA	12
	p.f.		0.29
Coil	<u>Voltage tolerances</u>		0.85-1.1 Un
	<u>Tightening torque</u>	Nm	0.8
	<u>Termal screw/screw head</u>		M3.5/PZ2
Degree of protection			IP20
Maximum permissible fuse ratings			
main circuit gL/gG		A	125
auxiliary circuit		A	16
Frequency of switching operations		s/h	100
Electrical endurance		min.	125,000
Sizes of connecting conductors			
-main circuit			
multi-wire conductor		mm ²	16-35
multi-wire conductor with cable shoe		mm ²	
Termal screw			M6
Screw head			PZ2
Tightening torque		Nm	3-4
auxilliary circuit			

multi-wire conductor	mm ²	1-2.5
multi-wire conductor with cable shoe	mm ²	0.75-1.5
Terminal screw		M3.5
Screw head		PZ2
Tightening torque	Nm	0.8
Loadability of auxiliary contacts rated continuous current I _{th} : 35	A	16
AC rated operational current I _e /AC 15		
for 230V	A	10
400V	A	6
500V	A	4
690V	A	2

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Drilling plan (mm)

