



RADE KONCAR MINI CONTACTOR RELAY  
**CP0**  
**6A (AC15/AC14, 230V/50Hz)**

<b>Contactor type</b>		<b>CP0</b>	
<b>Mechanical endurance</b>	make/brake operations	$\times 10^6$	5
<b>Insulation rating</b>		V	690
<b>Permissible ambient temperature</b>		°C	from -25 to +55
<b>Consumption of electromagnet in cold state with Un</b>			
AC operated	closing	VA	26
	P.F.		0.9
	closed	VA	4
	P.F.		0.34
<b>Coil voltage tolerances</b>			0.8-1.1 Un
<b>Duration of making and breaking</b>			
(values are also valid for voltages of electromagnet from 0.8 to 1.1 Un for each coil in cold and warm state).			
Total breaking time is addition of opening time and duration of electric arc.			
AC operated	closing time	ms	7 to 12
	opening time	ms	6 to 10
	duration of electric arc	ms	3
<b>Frequency of switching operations</b>			
without thermal relay			
utilization category	AC15	s/h	1200
with thermal relay		s/h	15
<b>Resistivity to shocks</b>	(square shock)	g/ms	7/5 and 4/10
<b>Maximum permissible fuse rating</b>			
max short circuit current 10 kA			
Main circuit	fuse-links, time -lagging	A	10
	fuse-links, quick -lagging	A	16
<b>Sizes of connection conductors</b>			
for contactors without thermal relay			
main circuit	single-wire conductors	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
<b>Loadability of auxiliary contacts of contactor CP0</b>			
Reated continuous current Ith ; 35C		A	16
rated operational current le/AC15	for 230V	A	6
	400V	A	4
	500V	A	2.5
	690V	A	1.5
rated operational current le/DC13	for 24V	A	4
	110V	A	0.6
	230V	A	0.2
<b>Dimensions</b>			
A		mm	45
B		mm	48
C		mm	56
Weight		g	175

Drilling plan (mm)

