



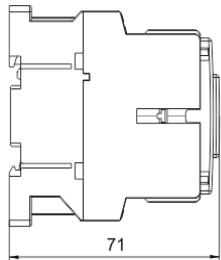
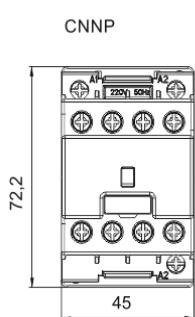
**RADE KONCAR CONTACTOR RELAY  
CNNP  
6A (AC15/AC14, 230V/50Hz)**

<b>Contactor type</b>		<b>CNNP</b>	
<b>Mechanical endurance</b>	make/brake operations	$\times 10^6$	10
<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	62
	P.F.		0.75
	closed	VA	7
	P.F.		0.3
DC operated	closing	W	128
	closed	W	2.8
<b>Coil voltage tolerances</b>			0.8-1.1 Un
<b>Duration of making and breaking</b>			
AC operated	closing time	ms	12-22
	opening time	ms	4-19
	duration of electric arc	ms	10
DC operated	closing time	ms	-
	opening time	ms	-
	duration of electric arc	ms	-
<b>Frequency of switching operations</b>			
without thermal relay			
utilization category	AC15	s/h	3600
	AC 1	s/h	2000
	AC2;AC3	s/h	1000
	AC4	s/h	250
with thermal relay		s/h	15
<b>Resistivity to shocks</b> (square shock)			g/ms
			10/4 and 5/8
<b>Maximum permissible fuse rating for contactors without relays</b>			
max short circuit current 1 kA			
Main circuit fuse-links, time lagging		A	16
	fuse-links, time -lagging	A	20
	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
<b>Loadability of auxiliary contacts of contactors CNNP</b>			
Rated continuous current	I <sub>th</sub> ; 35C	A	16
AC rated operational current I <sub>e</sub> /AC15	for 230V	A	6
	400V	A	4
	500V	A	4
	690V	A	2.5
DC rated operational current I <sub>e</sub> /DC1	L/R≤1 ms		
(with series connection of 3 current paths)	for 24V	A	6 (6)'
	110V	A	2 (6)'
	230V	A	0.6 (6)'
	440V	A	0.3 (1.2)'
	600V	A	0.15 (0.8)'
rated operational current I <sub>e</sub> /AC13	for 24V	A	4 (6)'
(with series connection of 3 current paths)	110V	A	0.9 (3)'
	230V	A	0.2 (1.2)'
	440V	A	0.14 (0.5)'
	600V	A	0.15 (0.26)'
<b>Motor ratings for utilization categories AC2,AC3</b>			

at 230V	kW	2.2
400V	kW	4
500V	kW	4
690V	kW	4

**Dimensions**

A	mm	45
B	mm	72.2
C	mm	71
Weight	g	230



**Drilling plan (mm)**

