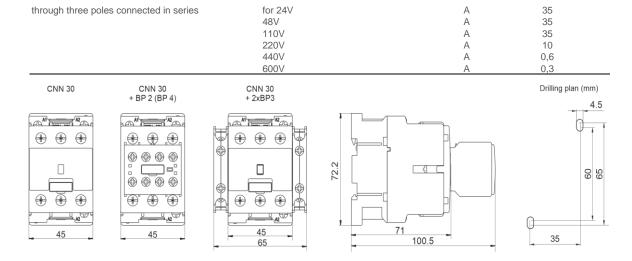


RADE KONCAR CONTACTOR CNN30 30A/15kW (AC3, 400V/50Hz); 40A(AC1)

Contactor type				CNN 30
Mechanical endurance		make/brake operations	x10 ⁶	5
Insulation rating		·	V	690
Permissible ambient temperature			°C	from -25 to +55
Consumption of electror	nagnet in cold st	ate with Un		
AC operated	closing		VA	62
	P.F.		1/4	0,75
	closed P.F.		VA	7
DC operated	closing		W	0,3 125
Do operated	closed		W	2,8
Coil voltage tolerances				0.85-1.1Un
duration of making and	breaking			
(values are also valid for v				
0.8 to 1.1 Un for each in c		,		
Total breaking time is add	ition of opening tin	ne and duration		
of electric arc.				
AC aparatad	alaaina tima		***	12 to 22
AC operated	closing time opening time		ms ms	12 to 22 4 to 19
	duration of elec	etric arc	ms	10
Frequency of switching			IIIO	10
without thermal reley				
utilizati	ion category	AC1	s/h	1000
		AC2, AC3	s/h	750
		AC4	s/h	250
with thermal relay			s/h	15
	(a/ma	8.2/5
Resistivity to shocks	(square shock)		g/ms	and 4.9/10
Short-circuit protection	of			4.9/10
contactors without overloa				
Main circuit	arolayo			
With fuse links				
acc. To IEC 60947-4-1	Type of coord.	"1" gl/gG	А	50
DIN VDE 0660 Part 102	Type of coord.	"2"	A	35
Sizes of connection con	ductors			
for contact without therma	l relay			
main circuit	single-wire con	ductors	mm ²	2.5-10
	multi-wire cond	luctor with cable shoe	mm ²	2.5-10
	Screw			M4
	Screw head			PZ2
	Tightening torq	ue	Nm	1,4
auxiliary circuit			2	
	single-wire con		mm ²	1-2.5
		luctor with cable shoe	mm ²	0.75-1.5
	Screw			M3.5
	Screw head		k1	PZ2
Loadability of auxiliary of	Tightening torg	ue	Nm	0,8
Reated continuous current			А	
rated operational current le/AC15		for 24V	A	-
rated operational current le/AC13		230V	A	-
		400V	A	-
			A	-
		500V		
		500V 690V	Α	-
rated operational current le	e/DC13		A A	-
rated operational current le	e/DC13	690V		- - -

Load carrying capacity of the main contacts			
rated continuus current ith			
AC1 utilization category	A	40	
rated operational current le/AC1		A	40
AC2 and AC3 utilization categories	for 230V	kW	7,5
(slip-ring and cage motors at 50Hz)	400V	kW	15
AOA Climatian Carana	690V	kW	15
AC4 utilization category			
(electrical endurance of contacts:120.000	1- /0.04	2	
rated curent	le/AC4	A	9
ratings of squirrel-cage motors at 50Hz	for 230V	kW	2,5
	400V	kW	4,4
	500V	kW	4,4
Landahilitu ku dinast aumant	690V	kW	4,4
Loadability by direct current	24		
DC1 utilization category, non-inductive loads L/F	^	25	
rated operational current le	for 24V 48V	A A	35 20
through one pole	46 V 110 V	A	
	220V	A	4,5 1
	440V	A	0,6
	600V	A	0,6
	600 V	A	0,0
through three poles connected in series	for 24V	A	35
	48V	A	35
	110V	A	35
	220V	A	35
	440V	A	2,9
	600V	A	1,4
utilization category DC3 to DC5 series and shunt motors (L/R15 ms)			
rated operational current le	for 24V	А	20
through one pole	48V	Ä	5
anough one pole	110V	Ä	2,5
	220V	A	1
	440V	Ä	0.09
	600V	Ä	0,06
	330 V	, ,	0,00



for 24V 48V

110V

through three poles connected in series