

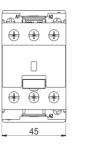


RADE KONCAR CONTACTOR CNN30 30A/15kW (AC3, 400V/50Hz); 40A(AC1)

Contactor type				CNN 30	
Mechanical endurance make/brake operations			x10 ⁶	5	
nsulation rating		V	690		
Permissible ambient ten		°C	from -25 to +55		
Consumption of electron		state with Un			
AC operated	closing P.F.		VA	62	
	closed		VA	0,75 7	
	P.F.		•7.	0,3	
DC operated	closing		W	125	
	closed		W	2,8	
Coil voltage tolerances			0.85-1.1Un		
duration of making and					
values are also valid for v 0.8 to 1.1 Un for each in c					
Fotal breaking time is add					
f electric arc.	nion of opening i				
AC operated	closing time		ms	12 to 22	
	opening time		ms	4 to 19	
	duration of el	ectric arc	ms	10	
Frequency of switching vithout thermal reley	operations				
,	ion category	AC1	s/h	1000	
utilizat	lon category	AC2, AC3	s/h	750	
		AC4	s/h	250	
vith thermal relay			s/h	15	
				8.2/5	
Resistivity to shocks	(square shoc	k)	g/ms	and	
	- (4.9/10	
Short-circuit protection					
contactors without overloa Nain circuit	id relays				
Vith fuse links					
acc. To IEC 60947-4-1	Type of coord	d. "1" al/aG	А	50	
DIN VDE 0660 Part 102	Type of coord	0 0	A	35	
Sizes of connection con					
or contact without therma	l relay				
main circuit	single-wire co	onductors	mm ²	2.5-10	
	multi-wire co	nductor with cable shoe	mm ²	2.5-10	
	Screw			M4	
	Screw head			PZ2	
	Tightening to	rque	Nm	1,4	
auxiliary circuit			2		
	single-wire co		mm ²	1-2.5	
		nductor with cable shoe	mm ²	0.75-1.5	
	Screw			M3.5	
	Screw head		Nime	PZ2	
oadability of auxiliary of	Tightening to	Ique	Nm	0,8	
Loadability of auxiliary contacts Reated continuous current lth ; 35C			А	-	
rated operational current le/AC15		for 24V	A	-	
		230V	A	-	
		400V	A	-	
		500V	A	-	
		0001/	A	-	
		690V			
ated operational current l	e/DC13	690V for 24V 110V	A	-	

	230V	А	-
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
ACA utilization actorization	690V	kW	15
AC4 utilization category (electrical endurance of contacts:120.000			
rated curent	le/AC4	А	9
ratings of squirrel-cage motors at 50Hz	for 230V	kW	2,5
Tatings of squitter-cage motors at 5012	400V	kW	2,3 4,4
	500V	kW	4,4
	690V	kW	4,4
Loadability by direct current			/
DC1 utilization category, non-inductive loads L/R	1 ms		
rated operational current le	for 24V	A	35
through one pole	48V	A	20
	110V	A	4,5
	220V	A	1
	440V	A	0,6
	600V	A	0,6
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	A	5
	110V	А	2,5
	220V	A	1
	440V	A	0,09
	600V	A	0,06
through three poles connected in series	for 24V	А	35
anough ande poles connected in selles	48V	A	35
	40V 110V	A	35
	220V	Ä	10
	440V	A	0,6
	600V	A	0,3
			- ; -

CNN 30



CNN 30	CNN 30		
+ BP 2 (BP 4)	+ 2xBP3		

