

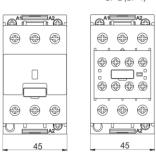
RADE KONCAR CONTACTOR CNN32 32A/15kW (AC3, 400V/50Hz); 50A(AC1)

Contactor type			CNN 32
Mechanical endurance	make/brake operations	x10 ⁶	5
Insulation rating		V	690
Permissible ambient ten	nperature	°C	from -25 to +55
Consumption of electro	magnet in cold state with Un		
AC operated	closing	VA	65
	P.F.		0,75
	closed	VA	8
	P.F.	10/	0,3
DC operated	closing	W	125
Coil voltage tolerances	closed	VV	2,8 0.85-1.1Un
duration of making and	breaking		0.00 1.1011
(values are also valid for v 0.8 to 1.1 Un for each in c	voltages of electromagnet from old and warm state).		
Fotal breaking time is add of electric arc.	ition of opening time and duration		
AC operated	closing time	me	12 to 22
no operateu	opening time	ms ms	4 to 19
	duration of electric arc	ms	10
Frequency of switching	operations	110	
without thermal reley			
	ion category AC1	s/h	1000
	AC2, AC3	s/h	750
	AC4	s/h	250
with thermal relay		s/h	15
Desistivity to sheely			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	la relayo		
With fuse links			
acc. To IEC 60947-4-1	Type of coord. "1" gl/gG	А	63
DIN VDE 0660 Part 102	Type of coord. "2"	A	40
Sizes of connection con	ductors		
or contact without therma	l relay		
nain circuit	single-wire conductors	mm ²	2.5-10
	multi-wire conductor with cable shoe	mm ²	2.5-16
	Screw		M4
	Screw head		PZ2
	Tightening torque	Nm	1,6
auxiliary circuit		2	
	single-wire conductor	mm ²	1-2.5
	multi-wire conductor with cable shoe	mm ²	0.75-1.5
	Screw		M3.5
	Screw head	N I	PZ2
Loadability of auxiliary of	Tightening torque	Nm	0,8
Reated continuous curren		A	_
ated operational current l		A	-
	230V	A	-
	400V	A	-
	500V	A	-
	690V	A	-
rated operational current I		A	-
•	110V	A	-
	230V	A	

	city of the main conta	cts		
rated continuus curre AC1 utilization categ			0	50
rated operational cur			A A	50 50
AC2 and AC3 utiliza		for 230V	kW	7,5
(slip-ring and cage m		400V	kW	15
(slip-fillig and cage fi	101015 at 30112)	690V	kW	18,5
AC4 utilization cate	aory	030 V	NVV	10,0
	e of contacts:120.000			
ated curent		le/AC4	А	13,5
atings of squirrel-cage motors at 50Hz		for 230V	kW	4
aningo or oquirror oa	go motoro at coniz	400V	kW	6,5
		500V	kW	6,5
		690V	kW	6,5
_oadability by dired	ct current	0001		0,0
	ory, non-inductive loads	L/R1 ms		
ated operational current le		for 24V	А	45
hrough one pole		48V	A	20
0		110V	А	4,5
		220V	А	1
		440V	А	0,4
		600V	А	0,25
nrough three poles connected in series		for 24V	А	45
		48V	A	45
		110V	A	45
		220V	A	45
		440V	A	2,9
		600V	A	1,4
itilization category D series and shunt mot				
ated operational cur	rent le	for 24V	А	35
hrough one pole		48V	A	6
		110V	A	2,5
		220V	A	1
		440V	A	0,1
		600V	A	0,06
hrough three poles connected in series		for 24V	А	50
		48V	A	50
		110V	A	50
		220V	A	25
		440V	A	0,6
		600V	A	0,35
CNN 32	CNN 32 + BP 2 (BP 4)	CNN 32 + 2xBP3		Drilling plan (mm)
	. 5. 2 (6. 4)	. 2.01 0		.5

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		45	A2	
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