



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

Contactor type				CNN 32
lechanical endurance		make/brake operations	x10 ⁶	5
nsulation rating			V	690
ermissible ambient ten			°C	from -25 to +55
Consumption of electron		ate with Un		
AC operated	closing		VA	65
	P.F. closed		VA	0,75 8
	P.F.		٧٨	0,3
DC operated	closing		W	125
'	closed		W	2,8
coil voltage tolerances				0.85-1.1Un
luration of making and				
values are also valid for v				
0.8 to 1.1 Un for each in c		,		
otal breaking time is add f electric arc.	mon or opening m	ne and duration		
i electric arc.				
C operated	closing time		ms	12 to 22
	opening time		ms	4 to 19
	duration of elec	ctric arc	ms	10
requency of switching	operations			
vithout thermal reley	ion catagony	AC1	s/h	1000
ulilizat	ion category	AC1 AC2, AC3	s/h	750
		AC2, AC3 AC4	s/h	250
vith thermal relay		7.01	s/h	15
				8.2/5
Resistivity to shocks	(square shock)		g/ms	and
				4.9/10
Short-circuit protection				
contactors without overloa	id relays			
With fuse links				
acc. To IEC 60947-4-1	Type of coord.	"1" al/aG	A	63
OIN VDE 0660 Part 102	Type of coord.	0 0	A	40
Sizes of connection con				
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
uxiliary circuit			2	
	single-wire con		mm ²	1-2.5
		ductor with cable shoe	mm ²	0.75-1.5
	Screw			M3.5
	Screw head		Niss	PZ2
oadability of auxiliary o	Tightening tord	que	Nm	0,8
Reated continuous curren			А	_
ated operational current le		for 24V	A	-
		230V	A	-
		400V	A	-
		500V	A	-
		600//	A	-
		690V		
ated operational current le	e/DC13	for 24V 110V	A A	-

	230V	A	-
oad carrying capacity of the main contacts	3		
ated continuus current ith			
AC1 utilization category		A	50
ated operational current le/AC1		A	50
C2 and AC3 utilization categories	for 230V	kW	7,5
slip-ring and cage motors at 50Hz)	400V	kW	15
	690V	kW	18,5
C4 utilization category			
electrical endurance of contacts:120.000			
ated curent	le/AC4	A	13,5
atings of squirrel-cage motors at 50Hz	for 230V	kW	4
	400V	kW	6,5
	500V	kW	6,5
	690V	kW	6,5
oadability by direct current			
C1 utilization category, non-inductive loads L			
ated operational current le	for 24V	A	45
nrough one pole	48V	A	20
	110V	A	4,5
	220V	A	1
	440V	A	0,4
	600V	А	0,25
rough three poles connected in series	for 24V	A	45
	48V	A	45
	110V	A	45
	220V	A	45
	440V	A	2,9
	600V	A	1,4
tilization category DC3 to DC5 eries and shunt motors (L/R15 ms)			
ated operational current le	for 24V	Α	35
arough one pole	48V	A	6
	110V	A	2,5
	220V	A	1
	440V	A	0,1
	600V	A	0,06
and the second second	(0.4)/	Δ.	50
rough three poles connected in series	for 24V	A	50
	48V	A	50
	110V	A	50
	220V	A	25
	440V	A	0,6
	600V	A	0,35
CNN 32	CNN 32 + 2xBP3		Drilling plan (mm)
			5
9 9 9 B 9 9 H 6			4

