



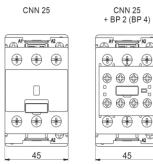
RADE KONCAR CONTACTOR CNN25 **25**A/11kW (AC3, 400V/50Hz); 40A(AC1) In conformity with standard IEC 60947-4-1

Contactor type				CNN 25
lechanical endurance	ma	ake/brake operations	x10 ⁶	5
nsulation rating			V	690
Permissible ambient terr			°C	from -25 to +55
Consumption of electror		with Un		
AC operated	closing		VA	62
	P.F. closed		VA	0.75 7
	P.F.		VA	0.3
DC operated	closing		W	123
De operated	closed		W	2.8
Coil voltage tolerances				0.85-1.1Un
duration of making and	oraking			
values are also valid for v 0.8 to 1.1 Un for each in c Fotal breaking time is add of electric arc.	old and warm state).			
				40 to 00
AC operated	closing time opening time		ms	12 to 22 4 to 19
	duration of electric	arc	ms ms	4 to 19
Frequency of switching		aro	1110	10
vithout thermal reley				
	on category	AC1	s/h	1000
		AC2, AC3	s/h	750
		AC4	s/h	250
vith thermal relay			s/h	15
				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	a Tolayo			
Vith 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"		А	35
Sizes of connection con				
or contact without therma	relay			
nain circuit	single-wire conduc	tors	mm ²	2.5-10
	multi-wire conducted	or with cable shoe	mm ²	2.5-10
	Screw			M4
	Screw head			PZ2
	Tightening torque		Nm	1.4
auxiliary circuit			2	105
	single-wire conduc	tor	mm ²	1-2.5
	0		0	
	multi-wire conducte		mm ²	0.75-1.5
	multi-wire conducto		mm ²	M3.5
	multi-wire conducto Screw Screw head			M3.5 PZ2
oadability of auviliary of	multi-wire conducto Screw Screw head Tightening torque		mm ²	M3.5
oadability of auxiliary c	multi-wire conducto Screw Screw head Tightening torque ontacts		Nm	M3.5 PZ2
Reated continuous current	multi-wire conducto Screw Screw head Tightening torque ontacts : Ith ; 40 °C	or with cable shoe	Nm	M3.5 PZ2
Reated continuous current	multi-wire conducto Screw Screw head Tightening torque ontacts : Ith ; 40 °C		Nm	M3.5 PZ2
	multi-wire conducto Screw Screw head Tightening torque ontacts : Ith ; 40 °C	or with cable shoe for 24V	Nm A A	M3.5 PZ2
Reated continuous current	multi-wire conducto Screw Screw head Tightening torque ontacts : Ith ; 40 °C	for 24V 230V	Nm A A A	M3.5 PZ2
Reated continuous current ated operational current le	multi-wire conducto Screw Screw head <u>Tightening torque</u> ontacts Ith ; 40 °C e/AC15	for 24V 230V 400V 500V 690V	Nm A A A A A A	M3.5 PZ2
Reated continuous current	multi-wire conducto Screw Screw head <u>Tightening torque</u> ontacts Ith ; 40 °C e/AC15	for 24V 230V 400V 500V	Nm A A A A A	M3.5 PZ2

	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	5.5
(slip-ring and cage motors at 50Hz)	400V	kW	11
	690V	kW	15
AC4 utilization category			
(electrical endurance of contacts:120.000			
rated curent	le/AC4	A	8.5
ratings of squirrel-cage motors at 50Hz	for 230V	kW	2.2
	400V	kW	4
	500V	kW	4
	690V	kW	4
Loadability by direct current			
DC1 utilization category, non-inductive loads L/			
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	A	2.5
	220V	A	1
	440V	Ä	0.09
	600V	Â	0.06
through three poles connected in series	for 24V	A	35
anough ande poles connected in selles	48V	A	35
	48V 110V	A	35
	220V	A	10
	440V	Ä	0.6
	600V	Â	0.3
	500 v		0.0

CNN 25

CNN 25 + 2xBP3



()	
M2	
	₩ 🕀 🤅
	Ŷ
A REAL	
45	-

