



## RADE KONCAR CONTACTOR CNN18 18A/7,5kW (AC3, 400V/50Hz); 30A(AC1)

Contactor type				CNN 18
Mechanical endurance	n	nake/brake operations	x10 <sup>6</sup>	5
nsulation rating				690
	issible ambient temperature			from -25 to +55
Consumption of electron		d state with Un		
AC operated	closing P.F.		VA	62
	closed		VA	0,75 7
	P.F.		VA	0,3
DC operated	closing		W	123
· .	closed		W	2,8
coil voltage tolerances				0.85-1.1Un
luration of making and b	_			
values are also valid for vo				
.8 to 1.1 Un for each in co otal breaking time is addit		,		
f electric arc.	ion or opening	g time and duration		
C operated	closing time		ms	12 to 22
	opening tin		ms	4 to 19
requency of evillables a		electric arc	ms	10
requency of switching or rithout thermal reley	pperations			
,	on category	AC1	s/h	1000
	on conegory	AC2, AC3	s/h	750
		AC4	s/h	250
vith thermal relay			s/h	15
			,	7/5
Resistivity to shocks	(square sh	ock)	g/ms	and
Short-circuit protection of	of.			4.2/10
contactors without overload				
lain circuit	a relays			
Vith fuse links				
acc. To IEC 60947-4-1	Type of co	ord. "1" gl/gG	Α	40
OIN VDE 0660 Part 102	Type of co	ord. "2"	A	25
Sizes of connection cond				
or contact without thermal	•		2	
nain circuit	single-wire conductors		mm <sup>2</sup>	1.5-6
		conductor with cable shoe	mm <sup>2</sup>	1.5-6
	Screw			M4
	Screw hea		Neo	PZ2
uxiliary circuit	Tightening	torque	Nm	1,2
axillary circuit	single-wire conductor		$mm^2$	1-2.5
	•	conductor with cable shoe	mm <sup>2</sup>	0.75-1.5
	Screw	conductor with cable since	111111	M3.5
	Screw hea	h		PZ2
	Tightening		Nm	0,8
oadability of auxiliary co				•
Reated continuous current	Ith; 35C		A	10
ated operational current le	/AC15	for 24V	A	6
		230V	A	6
		400V	A	4
		500V	A	2
			A	1
atad an austianal augus (Us	/DC40	690V		
ated operational current le	/DC13	690V for 24V 110V	A A	4 0,6

	230V	А	0,3
Load carrying capacity of the main conta	cts		
ated continuus current ith			
AC1 utilization category		A	30
ated operational current le/AC1		A	30
AC2 and AC3 utilization categories	for 230V	kW	4
slip-ring and cage motors at 50Hz)	400V	kW	7,5
	690V	kW	10
C4 utilization category			
electrical endurance of contacts:120.000			
ated curent	le/AC4	A	6,7
atings of squirrel-cage motors at 50Hz	for 230V	kW	1,5
g <del></del>	400V	kW	3
	500V	kW	3
	690V	kVV	3
oadability by direct current	030 V	ICAA	0
C1 utilization category, non-inductive loads	I /R1 me		
ated operational current le, 55C	for 24V	Α	20
nrough one pole	48V	A	20
llough one pole	110V	Ä	2,1
			,
	220V	A	0,8
	440V	A	0,6
	600V	A	0,6
nrough three poles connected in series	for 24V	A	20
	48V	A	20
	110V	A	20
	220V	A	20
	440V	A	1,3
	600V	A	1
tilization category DC3 to DC5 eries and shunt motors (L/R15 ms)			
ated operational current le	for 24V	Α	20
nrough one pole	48V	Ä	5
rough one pole	110V	A	1,5
	220V	Ä	0,75
	440V	Ä	0,73
	600V	A	0,09
	for 24V	A	20
nrough three poles connected in series			
	48V	A	20
	110V	A	20
	220V	A	6
	440V	A	0,2
	600V	A	0,2
CNN 18 CNN 18	CNN 18		Drilling plan (mm)
+BP2 (BP4)	+2xBP3		4.5
			4.5
A <sup>1</sup> 2207,50°4 (A).	AT ZOV, DOG TO		

