



RADE KONCAR CONTACTOR CNN30 **30**A/15kW (AC3, 400V/50Hz); 40A(AC1) In conformity with standard IEC 60947-4-1

Contactor type			CNN 30
Mechanical endurance	make/brake operations	x10 ⁶	5
nsulation rating		V	690
ermissible ambient ten		°C	from -25 to +55
	magnet in cold state with Un		
AC operated	closing	VA	62
	P.F.	\/A	0.75
	closed P.F.	VA	7
DC operated	closing	W	0.3 125
DO operateu	closed	W	2.8
Coil voltage tolerances	0.0000		0.85-1.1Un
luration of making and	breaking		
values are also valid for v	oltages of electromagnet from		
0.8 to 1.1 Un for each in c			
•	ition of opening time and duration		
of electric arc.			
C aparatad	closing time	ms	12 to 22
AC operated	closing time opening time	ms	4 to 19
	duration of electric arc	ms	10
requency of switching			
vithout thermal reley	•		
utilizat	ion category AC1	s/h	1000
	AC2, AC3	s/h	750
	AC4	s/h	250
vith thermal relay		s/h	15
Desistivity to alcode	(aguara ahaak)	g/ms	8.2/5
Resistivity to shocks	(square shock)	g/IIIs	and 4.9/10
Short-circuit protection	of		4.3/10
contactors without overloa	ad relavs		
	ad relays		
contactors without overloa Main circuit With fuse links	ad relays		
Main circuit Vith fuse links	ad relays Type of coord. "1" gl/gG	A	50
Main circuit Vith fuse links Icc. To IEC 60947-4-1 DIN VDE 0660 Part 102	Type of coord. "1" gl/gG Type of coord. "2"	A A	50 35
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con	Type of coord. "1" gl/gG Type of coord. "2" ductors		
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma	Type of coord. "1" gl/gG Type of coord. "2" ductors	A	
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma	Type of coord. "1" gl/gG Type of coord. "2" ductors		
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe	A	35
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw	A mm ²	35 2.5-10 2.5-10 M4
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head	A mm² mm²	35 2.5-10 2.5-10 M4 PZ2
Main circuit Vith fuse links Icc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma nain circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw	A mm ²	35 2.5-10 2.5-10 M4
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma nain circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque	mm² mm²	2.5-10 2.5-10 M4 PZ2 1.4
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor	mm² mm² Nm mm²	35 2.5-10 2.5-10 M4 PZ2 1.4
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma nain circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe	mm² mm²	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5
Main circuit Vith fuse links Icc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma nain circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw	mm² mm² Nm mm²	35 2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5
Main circuit Vith fuse links Icc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma nain circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw Screw Screw Screw head	Mm ² mm ² Nm mm ² mm ²	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor single-wire conductor	mm² mm² Nm mm²	35 2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5
Main circuit Vith fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor with cable shoe Screw Screw head Tightening torque Screw head Tightening torque	A mm² mm² Nm mm² Nm mm² mm²	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit Coadability of auxiliary of Reated continuous curren	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw Screw Screw head Tightening torque sontacts t lth; 40 °C	Mm ² mm ² Nm mm ² mm ²	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit Coadability of auxiliary of Reated continuous curren	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw Screw Screw head Tightening torque sontacts t lth; 40 °C	A mm² mm² Nm mm² Nm mm² nm²	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit Coadability of auxiliary of Reated continuous curren	Type of coord. "1" gl/gG Type of coord. "2" ductors I relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw Screw Screw head Tightening torque Screw Screw for conductor Screw Screw Screw for conductor Screw fo	Mmm² mm² Nm mm² mm² Mm	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit	Type of coord. "1" gl/gG Type of coord. "2" ductors Il relay single-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor multi-wire conductor with cable shoe Screw Screw head Tightening torque Screw Screw head Tightening torque Contacts It lth; 40 °C e/AC15 for 24V 230V	Mmm² mm² Nm mm² mm² Nm A A A	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit Loadability of auxiliary of Reated continuous current atted operational current le	Type of coord. "1" gl/gG Type of coord. "2" ductors If relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor with cable shoe Screw Screw Screw Screw Screw thead Tightening torque contacts tilth; 40 °C e/AC15 for 24V 230V 400V 500V 690V	Mm² mm² Nm mm² mm² Nm Nm A A A A A A A A A A A A A A A A	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2
Main circuit With fuse links acc. To IEC 60947-4-1 DIN VDE 0660 Part 102 Sizes of connection con or contact without therma main circuit auxiliary circuit Coadability of auxiliary of Reated continuous curren	Type of coord. "1" gl/gG Type of coord. "2" ductors If relay single-wire conductors multi-wire conductor with cable shoe Screw Screw head Tightening torque single-wire conductor multi-wire conductor with cable shoe Screw Screw Screw Screw Screw thead Tightening torque contacts tilth; 40 °C e/AC15 for 24V 230V 400V 500V 690V	A mm² mm² Nm mm² mm² Nm A A A A A	2.5-10 2.5-10 M4 PZ2 1.4 1-2.5 0.75-1.5 M3.5 PZ2

		230V	A	-
Load carrying c	apacity of the main contact	cts		
rated continuus of				
AC1 utilization ca			A	40
rated operational		f== 000\/	A kW	40
	tilization categories ge motors at 50Hz)	for 230V 400V	kvv kW	7.5 15
(slip-ring and cag	ge motors at 50Hz)	690V	kW	1 5 15
AC4 utilization	category	030 V	KVV	10
	ance of contacts:120.000			
rated curent		le/AC4	A	9
ratings of squirre	l-cage motors at 50Hz	for 230V	kW	2.5
	_	400V	kW	4.4
		500V	kW	4.4
		690V	kW	4.4
Loadability by o				
	ategory, non-inductive loads	L/R1 ms for 24V		
	rated operational current le		A	35
through one pole		48V	A	20
		110V	A	4.5
		220V	A	1
		440V	A 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
CPP	- D00 (- D05	600V	A	1.4
utilization catego series and shunt	motors (L/R15 ms)			
rated aparational	Lourrant la	for 24V	A	20
rated operational current le through one pole		48V	A	5
		110V	Ä	2.5
		220V	Ä	1
		440V	A	0.09
		600V	A	0.06
thus web thus a males as as a start in a suice		for 0.4V	Δ.	25
through three poles connected in series		for 24V 48V	A A	35 35
		46 V 110 V	A	35
		220V	Ä	10
		440V	Ä	0.6
		600V	Ä	0.3
CNN 30	CNN 30	CNN 30		Drilling plan (mm)
	+ BP 2 (BP 4)	+ 2xBP3		4.5
AT THE REAL PROPERTY.	Al Town on Man	A		4.5
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