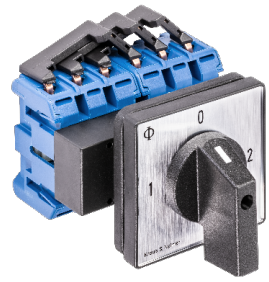
Kraus & Naimer



Sample image

Datasheet

Article number: 70010249
Designation: KG20B.T303.E
Description: Switch Local Disconnector

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Märkdriftspänning Ui

Spänning (V)	*AC / DC*
690	AC

Märkdriftström vid konstant drift

Ström (A)	*Omgivningstemperatur (°C)*	*Temperatur topp (°C)*	*ytterligare krav*
25	50	55	Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C

Märkdriftström Ie

Urvals kriterie	*Spänning (V)*	*Ström (A)*
AC-32A	20 - 400	20

Märkdrifteffekt

Urvals kriterie	*Spänning (V)*	*No. of phases*	*No. of poles*	*Effekt (kW)*
AC-3	220 - 240	3	3	4
AC-3	380 - 440	3	3	5,50
AC-3	660 - 690	3	3	5,50
AC-23A	220 - 240	3	3	5,50
AC-23A	380 - 440	3	3	7,50
AC-23A	660 - 690	3	3	7,50

Max försäkring, IEC

Säkringskarakteristik	*Antal säkringar*	*Ström (A)*
gG	1	35

UL60947-4-1 , UL508

Nominal Voltage

Spänning (V)	*AC / DC*
600	AC

Märkdriftspänning Ui

Spänning (V)	*AC / DC*
600	AC

Rated thermal current

Ström (A)	*Omgivningstemperatur (°C)*	*Additional Text*
25	0 - 40	--

Horsepower rating

Across-the-Line Motor Starting	*Spänning (V)*	*No. of phases*	*No. of poles*	*Power (HP)*	*Ambient temperature [°C]*
DOL	110 - 120	1	2	1	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	2	40
DOL	200 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	15	40
DOL	550 - 600	3	3	20	40

Pilot duty rating code

Duty Code
A600

SCCR / Max. fuse rating

Conditions of acceptability

This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses.
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V max., when protected by 40A Class J fuses.

Temp. rating of wire

Temperature rating (°C)	*Ström (A)*	*Text*
60 - 75	--	--

General Use

AC / DC	*Spänning (V)*	*Ström (A)*	*No. of phases*	*No. of poles*	*No. of contacts in series*
AC	277	25	1	1	1
AC	600	25	1	2	1
AC	600	25	3	3	1

General Information

Text

- The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers.

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General Information

Text

- När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".

CSA

Nominal Voltage

Spänning (V)	*AC / DC*
600	AC

Märkdriftspänning Ui

Spänning (V)	*AC / DC*
600	AC

Rated thermal current

Ström (A)	*Omgivningstemperatur (°C)*	*Additional Text*
25	0 - 40	--

Horsepower rating

Across-the-Line Motor Starting	*Spänning (V)*	*No. of phases*	*No. of poles*	*Power (HP)*	*Ambient temperature [°C]*
DOL	110 - 120	1	2	1	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	2	40
DOL	220 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	15	40
DOL	550 - 600	3	3	20	40

Pilot duty rating code

Duty Code
A600

Temp. rating of wire

Temperature rating (°C)	*Ström (A)*	*Text*
75	--	--

General Use

AC / DC	*Spänning (V)*	*Ström (A)*	*No. of phases*	*No. of poles*	*No. of contacts in series*
AC	277	25	1	1	1
AC	600	25	1	2	1
AC	600	25	3	3	1

GENERAL TECHNICAL INFORMATION

Tightening torque of screws

tightening torque (Nm)	*tightening torque (lb-in)*
1,25	11

Stripping length

Length (mm)	--
9	STRIPPINGLENGTH

Size of conductor

composition of conductor	*Min. / Max. value*	*No. of conductor per terminal*	*Cross section (mm²) or (AWG/kcmil)*	*Material of the wire*
flexible wire	Max.	1	AWG 10	Copper
flexible wire	Max.	1	4mm²	Copper
Single-core or stranded wire	Max.	1	6mm²	Copper
Single-core or stranded wire	Max.	1	AWG 10	Copper
flexible wire with sleeve	Max.	1	4mm²	Copper

Approbations

Specification	*Marking*
EAC	
CE marking	
UK Directives	
CSA C.22.2 No.14	
GB/T14048.3	

Rekomenderad skruvmejsel

Typ av skruvmejsel	*Value*
Stjärskruvmejsel	PH2
Slot screwdriver according to DIN 5264	0,8x4

General Information

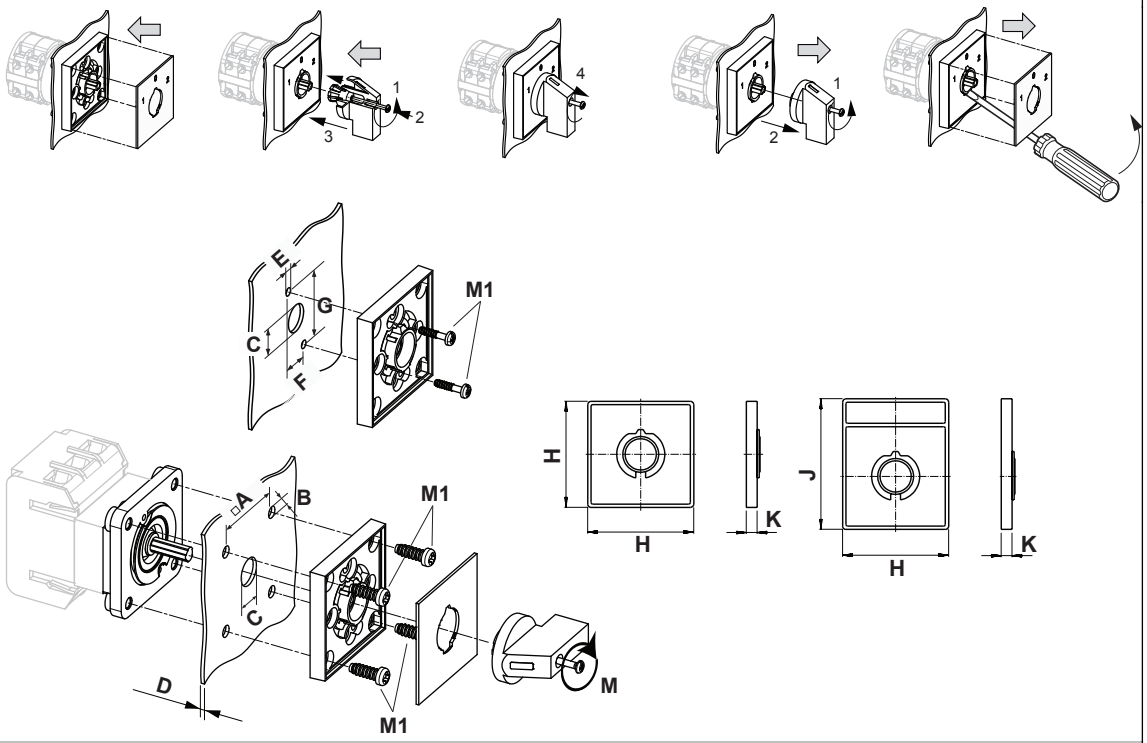
Text

- EMC Note: This device is suitable for use in environment A and B.
- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.

General Information	
Text	
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som som inte används då det kan finnas interna överkopplingar.	
Waste Electrical & Electronic Equipment (WEEE)	
Picture name	*Description*
	Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com
Proposition 65	
Picture name	*Description*
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge
Classification Contact Mat: Silver
Classification Terminal: Screw terminal

Mounting-E



Skyddsklass frontpanel, IP		IP66, IP67
Stages		1,00 - 12,00
A	□	48,00 mm
B	Ø	5,00 mm
C	Ø	10,00 - 15,00 mm
D	H	<= 4,00 mm
E	Ø	3,50 mm
F	H	12,20 mm
G	H	30,00 mm
H	H	64,00 mm
J	H	78,50 mm
K	H	7,40 mm
M	M	0,70 Nm
M1	M	0,90 Nm

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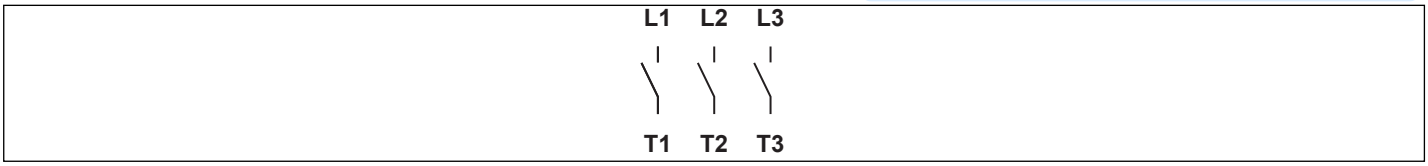
Wiring diagram

KG20B.T303.E



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Switch program

KG20B.T303.E

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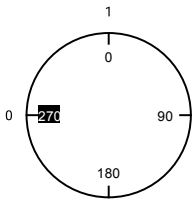
Face Plate



Switching Angle 90
Total switching Angle 90

		L1	L2	L3					
		1	3	5	7	9	11	13	15
		2	4	6	8	10	12	14	16
		T1	T2	T3					
0	270								
1	0	■	■	■					
	90								
	180								

Version: 102

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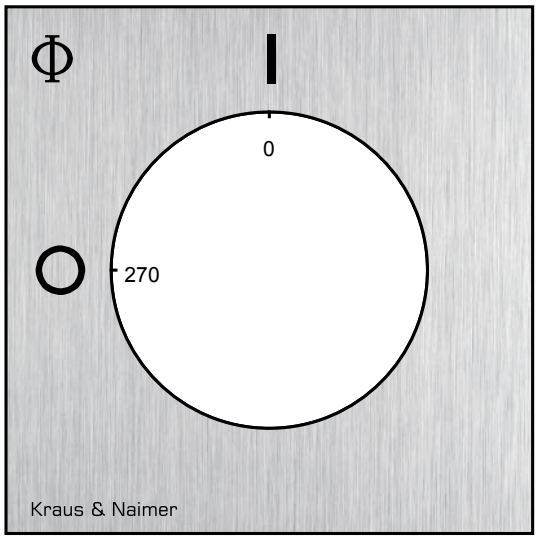
Face plate

S1.F456/A1B.PEL



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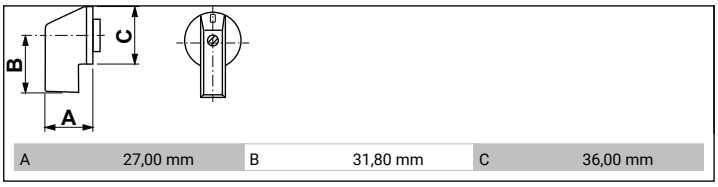
HANDLES

Designation: S1B.G251
Handle colour: "1" black



A	27,00 mm	B	31,80 mm	C	36,00 mm