



DOL

KG20

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Contact development: T303

Type of mounting: VE

Reference number: KG20 T103/NL-EXBA KNBOX (70027276)

IEC 60947-3 EN 60947-3	8, VDE 0660 Teil 107						
Rated insulation voltage Ui							
		Voltage	. ,	DC			
Rated uninterrupted current lu/lt	th	6	90 AC				
	nbient temperature (°C)	Peak temperature (°C)	additional	requirements			
25	50	55			ıring 24 houre	with peaks up to +55°C	
Rated operational current le	30	33	Ambient	emperature 150 C di	11111g 24 110u13	with peaks up to 100 C	
Utilization category				Voltag	ie (V)		Current (A
AC-32A				-	- 400		2
Rated operational power							
Utilization category	Voltage (V)	No. of phas	ses	No. of	poles	Power (kW)	Current (A
AC-3	220 - 240		3		3	4	
AC-3	380 - 440		3		3	5,50	11,5
AC-3	660 - 690		3		3	5,50	
AC-23A	220 - 240		3		3	5,50	
AC-23A	380 - 440		3		3	7,50	15,5
AC-23A	660 - 690		3		3	7,50	
Max. Fuse rating IEC							
Fuse characteristic					No. of Fus		Current (A
gG						1	3
UL60947-4-1, UL508							
Horsepower rating							
Across-the-Line Motor Starting		Vo	ltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°0
DOL		2	00 - 240	3	3	7,50	4
SCCR / Max. fuse rating							
Conditions of acceptability							
This device is suitable for use on	circuits capable of delivering not	more than 10kA rms symme	etrical amp	eres, 600V ac max. v	vhen protected	l by Type RK1 fuses.	
Suitable for use on a circuit capa	ble of delivering not more than 650	000 rms symmetrical ampe	res at 600\	max., when protect	ed by 40A Clas	s J fuses.	
Temp. rating of wire							
	Temperature rating (°C)			Currei	, ,		
	60 - 75						
General Information							
Text			. "		, ,,		
	tion indicating means to be used been previously evaluated in comb				from the manu	facturer, or the operatir	ng handle and position indicatin
	tor disconnector the device shall b				าท		
Titlett interlace for acc ac a mo	er diesermester tile de rise eriali s	o provided mar a meased o	. Domig 1001	tod iii tilo oli i pooltii	J		
Nominal Voltage		14.4	00 10				
Nominal Voltage		Voltage	. ,	DC			
-		-	(V) AC / 00 AC	DC			
-		6	00 AC				
-		6 Voltage	00 AC				
Rated insulation voltage Ui		6 Voltage	00 AC				
-	Current (A)	6 Voltage	(V) AC /	DC	e (°C) Additi	onal Text	
Rated insulation voltage Ui	Current (A) 25	6 Voltage	(V) AC /	DC Ambient temperature	e (°C) Additi 0 - 40	onal Text	
Rated insulation voltage Ui Rated thermal current		6 Voltage	(V) AC /	DC Ambient temperature	, ,	onal Text	
Rated insulation voltage Ui		Voltage 6	(V) AC /	DC Ambient temperature	, ,	onal Text Power (HP)	Ambient temperature [°C

110 - 120





Horsepower rating					
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
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	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

General Use					
AC/DC	Voltage (V)	Current (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

CSA

Horsepower rating					
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL	220 - 240	3	3	7,50	40
Temp rating of wire					

Temperature rating (°C) Current (A) Text

GENERAL TECHNICAL INFORMATION

Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
Solid wire	Min.	1	0.75mm²	Copper
Solid wire	Min.	2	0.5mm²	Copper
Flexible wire	Min.	2	0.75mm²	Copper
Flexible wire	Max.	1	AWG 10	Copper
Flexible wire	Max.	1	4mm²	Copper
Flexible wire	Min.	1	1.5mm²	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
Flexible wire with ferrule according to DIN 46228	Min.	1	0.75mm²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper

Stripping length

Length (mm)



General Information

Cross Screwdriver

Recommended screw driver
Type of screw driver

Tightening torque of screws

Slot screwdriver according to DIN 5264

Text

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- EMC Note: This device is suitable for use in environment A and B.
- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.
- After wiring, ALL terminal screws must be tightened to the specified torque values.
- Do not lubricate or treat contacts.
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.

Waste Electrical & Electronic Equipment (WEEE)

Picture name

Descriptio

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

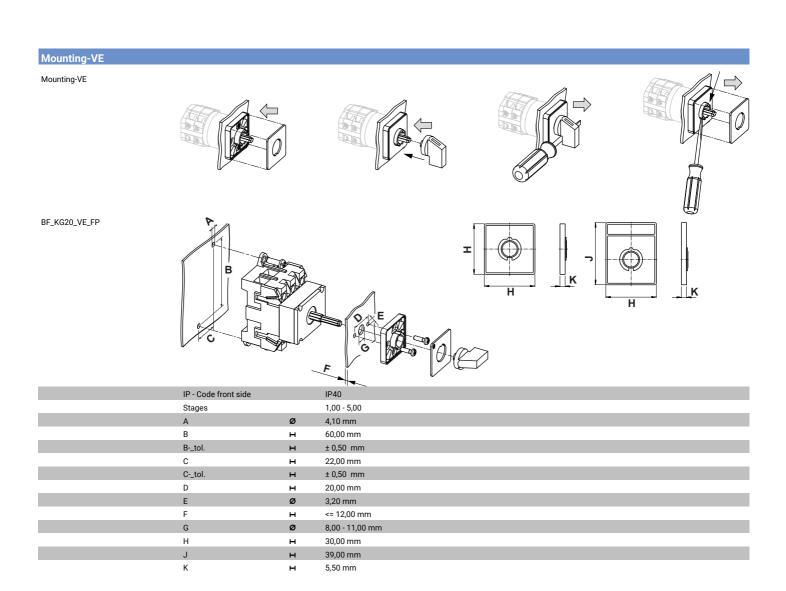


WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal





Wiring diagram KG20.T303.VE

L1	L2 L3
T1	T2 T3







Sample image

H010-1

K0.H010/A11-VE

Kind of contact operation: "A" not overlapping Contact combination: "11" 1 NO + 1 NC Type of mounting: "-VE" for type of mounting VE

EC 60947-3 EN 60947-3, VD	DE 0660 Teil	107				
ated insulation voltage Ui						
			Voltage (V)	AC/DC		
			500	AC		
JL60947-4-1 , UL508						
lominal Voltage	_					
			Voltage (V)	AC/DC		
			600	AC		
ated insulation voltage Ui			Voltage (V)	AC/DC		
			600	AC / DC		
ated thermal current			000	7.0		
	Cui	rent (A)		Ambient temperature	(°C) Additional Text	
·		10		0	- 40	
rilot duty rating code						
uty Code						
600 eneral Use						
C / DC Voltage (V)	Current (A)	No. of phases	No	of poles		No. of contacts in ser
C 600	10	140. or privates	140.	1		No. or contacts in ser
eneral Information	10	ı				
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ext Use only copper wires with or without CSA			ng the end of th			
reneral mornation ext Use only copper wires with or without CSA Temp. rating of wire	t tinned/silver-plat	ing (°C)	ng the end of th	ne wire before wiring is not a	t (A) Text	
ext Use only copper wires with or without			ng the end of th			
ext Use only copper wires with or without CSA	Temperature rat	ing (°C)	ng the end of th		t (A) Text	
ext Use only copper wires with or without SA emp. rating of wire SENERAL TECHNICAL INFOR	Temperature rat	ing (°C)	ng the end of th		t (A) Text	
ext Use only copper wires with or without SA emp. rating of wire SENERAL TECHNICAL INFOR	Temperature rat	ing (°C)			t (A) Text	Material of the wire
ext Use only copper wires with or without CSA emp. rating of wire SENERAL TECHNICAL INFOR ize of conductor omposition of conductor	Temperature rat	ing (°C) 75		Curren	t (A) Text - only Cross section (mm²) or	Material of the wire Copper
ext Use only copper wires with or without CSA emp. rating of wire SENERAL TECHNICAL INFOR ize of conductor omposition of conductor lexible wire	Temperature rat RMATION	ing (°C) 75 fin. / Max. value		Curren	t (A) Text - only Cross section (mm²) or (AWG/kcmil)	
ext Use only copper wires with or without Use only copper wires with or without Use only copper wire SENERAL TECHNICAL INFORM Ize of conductor Improsition of conductor Iexible wire Iexible wire	Temperature rat RMATION A	ing (°C) 75 fin. / Max. value Max.		Curren of conductor per terminal	t (A) Text - only Cross section (mm²) or (AWG/kcmil) AWG 16	Copper
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SA SENERAL TECHNICAL INFORM The properties of conductor conducto	Temperature rat RMATION A A A A A	ing (°C) 75 flin. / Max. value flax. flax. flax.		Curren of conductor per terminal 2 2 2	t (A) Text - only Cross section (mm²) or (AWG/kcmil) AWG 16 1.5mm² AWG 14	Copper Copper Copper
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SENERAL TECHNICAL INFORMATION OF THE PROPERTY	Temperature rat RMATION M M M M DIN 46228	ing (°C) 75 flin. / Max. value flax. flax. flax. flax. flax.	No	Current Curren	cross section (mm²) or (AWG/kcmil) AWG 16 1.5mm² AWG 14 1.5mm²	Copper Copper Copper Copper
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H010-1 LATERAL AUXILIARY CONTACTS for KG20 - KG317 and KH(R)16 - KH(R)25B K0.H010/A11-VE

