



Sample image

Datasheet

Article number: 70011575 Designation: KG20B.T204/01.E

Description: Switch Global Disconnector

	Ui	,					
		Voltag	je (V) AC / D	С			
			690 AC				
Rated uninterrupted curre							
Current (A)	Ambient temperature (°C)	Peak temperature (°C)			duning 24 haven	ith pools on to 155°O	
25 Rated operational current	50	55	Ambient ten	nperature +50°C	during 24 nours v	vith peaks up to +55°C	
Utilization category	tie			Vo	ltage (V)		Current (A
AC-32A					20 - 400		2
Rated operational power					20 400		
Utilization category		Voltage (V)	N	o. of phases		No. of poles	Power (kV
AC-3		220 - 240		. 3		3	,
AC-3		380 - 440		3		3	5,5
AC-3		660 - 690		3		3	5,5
AC-23A		220 - 240		3		3	5,5
AC-23A		380 - 440		3		3	7,5
AC-23A		660 - 690		3		3	7,5
Max. Fuse rating IEC							
Fuse characteristic					No. of Fu		Current (
gG						1	3
UL60947-4-1, UL5	308						
Nominal Voltage							
		Voltag	je (V) AC / D	С			
			600 AC				
Rated insulation voltage l	Ui						
		Voltag	ge (V) AC / D 600 AC	С			
Rated thermal current			000 AC				
	Curre	ent (A)		Ambient tempera	ature (°C) Additio	nal Text	
		25			0 - 40		
Horsepower rating							
Across-the-Line Motor Sta	arting	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°0
DOL			110 - 120	1	2	1	4
DOL			220 - 240	1	2	3	4
DOL DOL			277 - 277	1	2 2	3 5	4
DOL			415 - 415 440 - 480	1	2	5 5	4
DOL			550 - 600	1	2	5	4
				3	3	2	4
			110 - 120		3	~	
DOL			110 - 120 200 - 240	3	3	7 50	
DOL DOL			200 - 240	3	3	7,50 10	
DOL DOL DOL			200 - 240 415 - 415	3	3	10	4
DOL DOL DOL DOL			200 - 240 415 - 415 440 - 480	3 3 3	3	10 15	2
DOL DOL DOL DOL DOL			200 - 240 415 - 415	3	3	10	2
DOL DOL DOL DOL			200 - 240 415 - 415 440 - 480	3 3 3	3	10 15	2
DOL DOL DOL DOL DOL DOL DOL Pilot duty rating code			200 - 240 415 - 415 440 - 480	3 3 3	3	10 15	2
DOL DOL DOL DOL Pilot duty rating code Duty Code A600			200 - 240 415 - 415 440 - 480	3 3 3	3	10 15	2
DOL DOL DOL DOL DOL DOL DUL DOL Duty Code A600 SCCR / Max. fuse rating	у		200 - 240 415 - 415 440 - 480	3 3 3	3	10 15	2
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for	r use on circuits capable of deliveri		200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	3 3 3 3 3	3 3 3 3	10 15 20 by Type RK1 fuses.	2
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu	•		200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	3 3 3 3 3	3 3 3 3	10 15 20 by Type RK1 fuses.	4 4 4 4
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for	r use on circuits capable of deliveri uit capable of delivering not more t	han 65000 rms symmetrical ampe	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	as, 600V ac max., when protect	3 3 3 3	10 15 20 by Type RK1 fuses.	4
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu	r use on circuits capable of deliveri uit capable of delivering not more t Temperature ratin	han 65000 rms symmetrical ampe	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	as, 600V ac max., when protect	when protected oted by 40A Class	10 15 20 by Type RK1 fuses.	2
DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu Temp. rating of wire	r use on circuits capable of deliveri uit capable of delivering not more t Temperature ratin	han 65000 rms symmetrical ampe	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	as, 600V ac max., when protect	3 3 3 3	10 15 20 by Type RK1 fuses.	2
DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu Temp. rating of wire General Use	ruse on circuits capable of deliveri uit capable of delivering not more t Temperature ratin 6	han 65000 rms symmetrical ampe g (°C) 0 - 75	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	es, 600V ac max.	when protected oted by 40A Class	10 15 20 by Type RK1 fuses.	1
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu Temp. rating of wire General Use AC / DC Vo	ruse on circuits capable of deliveri uit capable of delivering not more t Temperature ratin 6 oltage (V) Current (A)	han 65000 rms symmetrical ampe	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper	es, 600V ac max.nax., when protec	when protected oted by 40A Class	10 15 20 by Type RK1 fuses.	1
DOL DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu Temp. rating of wire General Use AC / DC Vo AC	ruse on circuits capable of deliveri uit capable of delivering not more t Temperature ratin 6	han 65000 rms symmetrical ampe g (°C) 0 - 75 No. of phases	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper res at 600V n	es, 600V ac max.nax., when protec	when protected oted by 40A Class	10 15 20 by Type RK1 fuses.	4
DOL DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for Suitable for use on a circu Temp. rating of wire General Use	ruse on circuits capable of deliveriuit capable of delivering not more t Temperature ratin 6	han 65000 rms symmetrical ampe g (°C) 0 - 75 No. of phases 1	200 - 240 415 - 415 440 - 480 550 - 600 etrical amper res at 600V n	es, 600V ac max. nax., when protect	when protected oted by 40A Class	10 15 20 by Type RK1 fuses.	No. of contacts in serie

- 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.



General Information								
Text								
- When intended for use as a moto	r disconnector the	device shall be provided with	h a method of being lock	ed in the OFF-posit	ion.			
CSA								
Nominal Voltage								
			Voltage (V) AC / I	DC				
			600 AC					
Rated insulation voltage Ui			Voltage (V) AC / I	DC				
			600 AC	00				
Rated thermal current			000 710					
		Current (A)		Ambient tempera		nal Text		
		25			0 - 40			
Horsepower rating			Valtara (V)	No of whomas	No of males	Dawer (UD)	Anabianttananaratu	[00]
Across-the-Line Motor Starting DOL			Voltage (V) 110 - 120	No. of phases 1	No. of poles 2	Power (HP) 1	Ambient temperatui	re [*C] 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 7,50		40 40
DOL DOL			220 - 240 415 - 415	3	3	7,50		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	Temperatu	re rating (°C)		Cu	rrent (A) Text			
	remperatur	75		Cui				
General Use		,,,			-			
AC / DC Voltage (V	Current (A)	No. of phases	No. of pol	es			No. of contacts in s	series
AC 277		1		1				1
AC 600		1		2				1
AC 600		3	3	3				1
GENERAL TECHNICAL IN Size of conductor	FORMATION							
composition of conductor		Min. / Max. value	No of co	onductor per termin	Cross section at (AWG/kcmil)	(mm²) or	Material of the wire	
flexible wire		Max.	710. 07 00	madeter per terrim	1 AWG 10		Copper	
£1					1 4			
flexible wire		Max.			1 4mm ²		Copper	
Single-core or stranded wire		Max.			1 6mm²		Copper	
Single-core or stranded wire Single-core or stranded wire		Max. Max.			1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve		Max.			1 6mm²		Copper	
Single-core or stranded wire Single-core or stranded wire		Max. Max.	Lenath (mm)		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve		Max. Max.	Length (mm) -	,	1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve		Max. Max.	ĺ		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve		Max. Max.	Length (mm)		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length		Max. Max.	9Value		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver		Max. Max.	9		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN	5264	Max. Max.	9Value		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	5264	Max. Max. Max.	9Value PH2 0,8x4		1 6mm² 1 AWG 10		Copper Copper Copper	(lh _e in)
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws	5264	Max. Max. Max.	9Value PH2 0,8x4		1 6mm² 1 AWG 10		Copper Copper Copper	(lb-in) 11
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	
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Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	arking EHL
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Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	arking EHL LE
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Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	arking EHL LE
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information	5264	Max. Max. Max.	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text		Max. Max. tight	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - EMC Note: This device is suitable	ofor use in environ	Max. Max. tight	Value PH2 0,8x4 ening torque (Nm)		1 6mm² 1 AWG 10		Copper Copper Copper tightening torque	
Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text	e for use in environn	Max. Max. tight	Value PH2 0,8x4 ening torque (Nm) 1,25		1 6mm ² 1 AWG 10 1 4mm ²		Copper Copper Copper tightening torque	



General Information

Text

- Use copper wire only. Do not coat the wire end with tin.

- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.

Waste Electrical & Electronic Equipment (WEEE)

Picture name

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

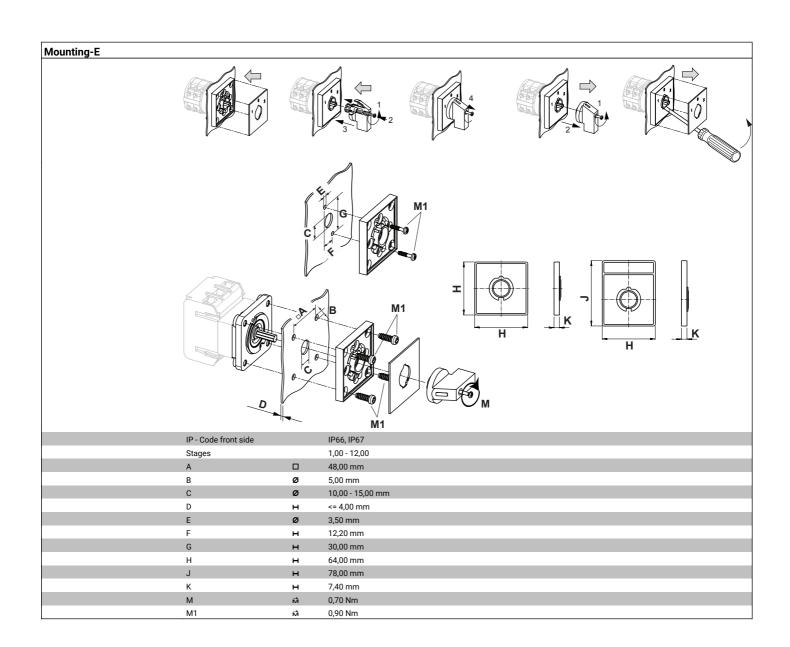
Description

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 KG20B.T304.E

L1 L2 L3 N
T1 T2 T3 N

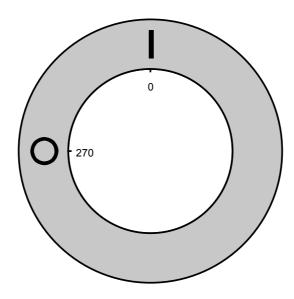


Switch program KG20B.T304.E

0	Face Plate			raus & Naimer KG20B T3			T304			Page 1 of 1		
0												
0			L1 1	L2 3	L3 5	N 7	9	11	13	15		
	0 270 90 -			\	\	\\ \						
Switchir	ng Angle 90		2	4	6	8	10	12	14	16		
Total sw	vitching Angle 90		T1	T2	Т3	N						
	0	270										
	1	0										
		90										
		180										



Face plate s1.F456/C10.V11H













Sample image

PADLOCK DEVICE

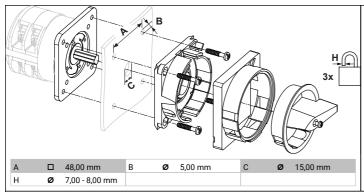
with F-handle ring

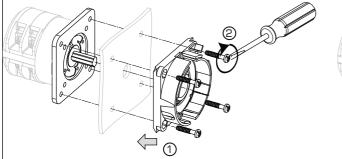
Designation: S1.V840G/D61/A2 Colour of F-handle ring: "D" red Colour of face ring: "6" yellow Locking position: "1" at 270° (1x90°)

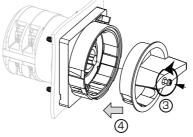
Type of mounting: "A" for type of mounting E **Type of mounting:** "A" for type of mounting GK

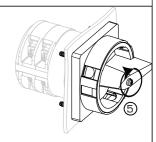
(Rose)

Switch type: "2" for KA-, KG- and KH(R)-switches









MOUNTING

- $1 + 2 \, \text{The}$ padlock device has to be mounted by four cylinder head screws from the front.
- 3 Loosen the screw and
- 4 Push it into the handle onto the shaft
- 5 Fasten the screw.



