



Sample image

Datasheet

Article number: 70014347 **Designation:** KG20B.T104/01.E

Description: Switch Global Disconnector

Rated operational current le Utilization category AC-32A Rated operational power Utilization category Voltage (V) AC-3 220 - 240 AC-3 380 - 440 AC-3 AC-3 AC-3 AC-23A AC-23	vo No. of phases 3 3 3 3 3 DC	No. of Fus	1	Current Power (k 5 5 7 7 Current
Rated uninterrupted current lu/lth Current (A) Ambient temperature (*C) Peak temperature (*C) additional 25 50 55 Ambient to 25 50 55 55 55 55 50 55 55 50 50 55 50	Vo Vo No. of phases 3 3 3 3 3 3 3 3 5 5	No. of Fus	No. of poles 3 3 3 3 3 3 1 3 1 1	Power (k 5 5 5 7 7 7 Current
Current (A)	Vo Vo No. of phases 3 3 3 3 3 3 3 3 5 5	No. of Fus	No. of poles 3 3 3 3 3 3 1 3 1 1	Power (k 5 5 5 7 7 7 Current
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Rated operational power Utilization category Voltage (V) AC-3	No. of phases 3 3 3 3 3 3 DC	20 - 400 No. of Fus	3 3 3 3 3 3 3	5 5 5 7 7 7 Current
Voltage (V)	3 3 3 3 3 3 3		3 3 3 3 3 3 3	5 5 5 7 7 7 Current
AC-3	3 3 3 3 3 3 3		3 3 3 3 3 3 3	5 5 5 7 7 7 Current
AC-3 380 - 440 AC-3 660 - 690 AC-23A 220 - 240 AC-23A 380 - 440 AC-23A 660 - 690 Max Fuse Rating IEC Fuse characteristic gG UL60947-4-1 , UL508 Nominal Voltage Voltage (V) AC / 600 AC Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating Across-the-Line Motor Starting DOL 110 - 120 DOL 220 - 240 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	3 3 3 3 3 3		3 3 3 3 3 3	5 5 7 7 Current
AC-3	3 3 3 3 3		3 3 3 3 3	5 5 7 7 Current
AC-23A 220 - 240 AC-23A 380 - 440 AC-23A 660 - 690 Max Fuse Rating IEC Fuse characteristic gG JL60947-4-1 , UL508 Nominal Voltage Voltage (V) AC / 600 AC Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating Across-the-Line Motor Starting DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 510 - 120	3 3 3 3		3 3 3	5 7 7 Current
AC-23A 380 - 440 AC-23A 660 - 690 Max Fuse Rating IEC Tuse characteristic gG Voltage (V) AC / 600 AC Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating AC-03S-the-Line Motor Starting Voltage (V) AC / 600 AC 25 Cold AC-03C AC A	3 3 DC		3 3 Sees 1	7 7 Current
AC-23A 660 - 690 Max Fuse Rating IEC Fuse characteristic gG UL60947-4-1 , UL508 Nominal Voltage Voltage (V) AC / 600 AC Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating Across-the-Line Motor Starting DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	DC DC		ses 1	7 Current
Max Fuse Rating IEC Fuse characteristic JL60947-4-1 , UL508 Woltage (V) AC / 600 AC Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating Across-the-Line Motor Starting DOL 110 - 120 DOL 227 - 277 DOL 445 - 445 DOL 550 - 600 DOL 550 - 600 DOL 550 - 600 DOL 550 - 600 DOL 110 - 120	DC DC		1	Current
Section Content Cont	DC		1	Current
Stated insulation voltage Voltage (V) AC / 600 AC Stated insulation voltage Ui	DC	4.12-(90) Addisi-		
Nominal Voltage Voltage (V) AC / 600 AC AC AC AC AC AC AC	DC	Aura (90) Addisina		
Nominal Voltage Voltage (V) AC / 600 AC AC AC AC AC AC AC	DC	Aura (90) Addition		
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Rated insulation voltage Ui Voltage (V) AC / 600 AC Rated thermal current Current (A) 25 Horsepower rating Across-the-Line Motor Starting DOL 1110 - 120 DOL 220 - 240 DOL 2277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 550 - 600 DOL 110 - 120		Aug (O) Addition		
Voltage (V) AC / 600 AC		4. (°C) A JJiši o m		
Current (A) 25		Addition		
Current (A) 25 Horsepower rating Across-the-Line Motor Starting Voltage (V) 200 00L 220 - 240 00L 277 - 277 00L 415 - 415 00L 440 - 480 00L 550 - 600 00L 110 - 120	Amhient tempere	tura (°C) Addition		
Current (A) 25 Horsepower rating Across-the-Line Motor Starting Voltage (V) DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	Amhient tempere	tura (°C) Addition		
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Horsepower rating Voltage (V) Across-the-Line Motor Starting Voltage (V) DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	Ambient tempera	0 - 40	nai rext	
Across-the-Line Motor Starting Voltage (V) DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 POL 415 - 415 DOL 440 - 480 DOL 550 - 660 DOL 110 - 120				
DOL 110 - 120 DOL 220 - 240 DOL 277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	No. of phases	No. of poles	Power (HP)	Ambient temperature
DOL 277 - 277 DOL 415 - 415 DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	. 1	2	<u> </u>	
DOL 415-415 DOL 440-480 DOL 550-600 DOL 110-120	1	2	3	
DOL 440 - 480 DOL 550 - 600 DOL 110 - 120	1	2	3	
DOL 550 - 600 DOL 110 - 120	1	2	5	
DOL 110 - 120	1	2	5	
	1 3	2	5 2	
71015 7401	3	3	7,50	
DOL 200 - 240 DOL 415 - 415	3	3	7,50 10	
DOL 413-413 DOL 440-480	3	3	15	
DOL 550 - 600	3	3	20	
Pilot duty rating code				
Duty Code				
A600				
SCCR / Max. fuse rating				
Conditions of acceptability	1221			
This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amp				
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V Temp. rating of wire	тах., wnen рголес	Sted by 40A Class	J fuses.	
Temperature rating (°C)	CI	urrent (A) Text		
Ferriperature rating (C) 60 - 75				
General Use				
AC / DC Voltage (V) Current (A) No. of phases No. of po	es			No. of contacts in se
AC 277 25 1	1			
AC 600 25 1				
AC 600 25 3 General Information	2			

- 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 Informat	tion									
Text										
	for use as a motor disc	connector the	device shall be pro	ovided with a r	method of being locke	ed in the OFF-posi	tion.			
CSA										
Nominal Voltage	1				Voltage (V) AC / I	nc				
					600 AC					
Rated insulation	voltage Ui									
					Voltage (V) AC / I	OC .				
Rated thermal cu	irrent				600 AC					
nated thermal oc	arrent		Current (A)			Ambient tempera	ature (°C) Additio	nal Text		
			25				0 - 40			
Horsepower ratio					Valtage (V)	No of phases	No. of poles	Power (HP)	Anahiant tananaratu	.za [00]
Across-the-Line N	violor Starting				Voltage (V) 110 - 120	No. of phases	No. or poles	Power (HP)	Ambient temperatu	40
DOL					220 - 240	1	2	3		40
DOL					277 - 277	1	2	3		40
DOL					415 - 415	1	2	5		40
DOL					440 - 480 550 - 600	1	2 2	5 5		40 40
DOL					110 - 120	3	3	2		40
DOL					220 - 240	3	3	7,50		40
DOL					415 - 415	3	3	10		40
DOL DOL					440 - 480 550 - 600	3	3	15 20		40 40
Pilot duty rating	code				550 - 000	<u> </u>	<u> </u>	20		+0
Duty Code										
A600										
Temp. rating of v	wire	Temperatur	re rating (°C)			C	urrent (A) Text			
		remperatur	75							
General Use										
AC / DC	Voltage (V)	Current (A)	No	. of phases	No. of pol				No. of contacts in	
AC AC	277 600	25 25		1 1		2				1
AC	600	25		3		3				1
	CHNICAL INFOR									
Size of conducto		MATION								
							Cross section	n (mm²) or		
composition of co	onductor		Min. / Max. value	e	No. of co	nductor per termi			Material of the wire	
I TIEVINIE WITE			Max						Conner	
flexible wire flexible wire			Max.				1 AWG 10 1 4mm ²		Copper Copper	
flexible wire flexible wire Single-core or str	randed wire		Max. Max. Max.						Copper Copper Copper	
flexible wire Single-core or str Single-core or str	randed wire		Max. Max. Max.				1 4mm² 1 6mm² 1 AWG 10		Copper Copper Copper	
flexible wire Single-core or str Single-core or str flexible wire with	randed wire		Max. Max.				1 4mm² 1 6mm²		Copper Copper	
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flexible wire Single-core or str Single-core or str flexible wire with Stripping length Recommended s	randed wire sleeve		Max. Max. Max.		9		1 4mm² 1 6mm² 1 AWG 10		Copper Copper Copper	
flexible wire Single-core or str Single-core or str flexible wire with Stripping length Recommended s Type of screw dri	screw driver		Max. Max. Max.		9 Value		1 4mm² 1 6mm² 1 AWG 10		Copper Copper Copper	
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flexible wire Single-core or str Single-core or str flexible wire with Stripping length Recommended s Type of screw dri Cross Screwdrive	randed wire sleeve screw driver fiver er according to DIN 5264		Max. Max. Max.		9 Value		1 4mm² 1 6mm² 1 AWG 10		Copper Copper Copper	
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flexible wire Single-core or str Single-core or str flexible wire with Stripping length Recommended s Type of screw dri Cross Screwdriver Slot screwdriver Tightening torqu Approbations Specification EAC	randed wire sleeve screw driver fiver er according to DIN 5264		Max. Max. Max.	tightenin	Value PH2 0,8x4		1 4mm² 1 6mm² 1 AWG 10		Copper Copper Copper Copper tightening torque	11 Iarking
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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

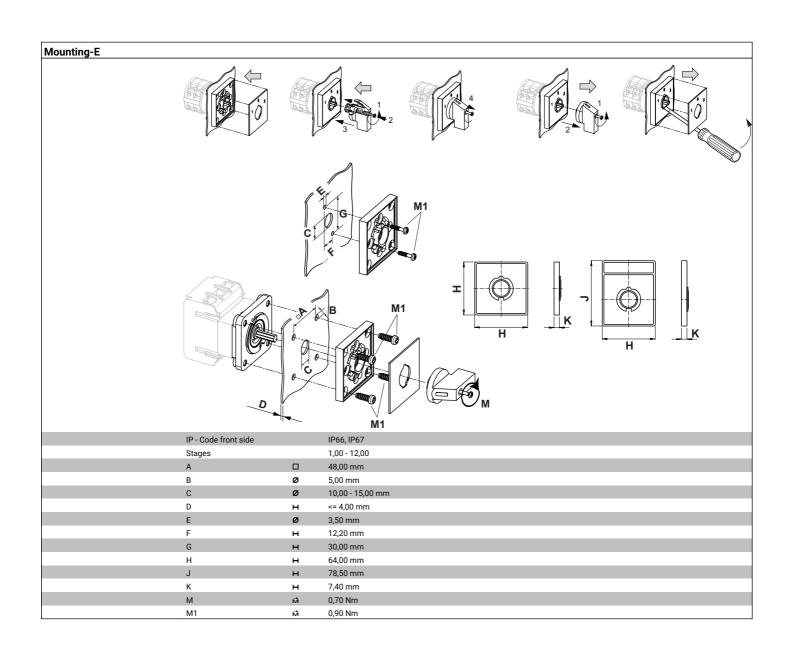
Description

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

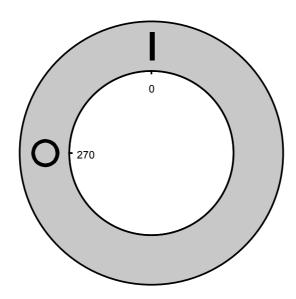


Switch program KG20B.T304.E

Plate 90 90 1	270	L1 1 2 T1	L2 3	L3 5 I	T304 N 7 7 8 N N	9	11	13 14	1 of 1
90 90 90 gle 90		1	3 \ \ \ 4	5 	7				
90 - 90 - 90 - 90 - 90 - 90 - 90 - 90 -		1	3 \ \ \ 4	5 	7				
90 90 90 0		2	4			10	12	14	16
gle 90						10	12	14	16
0		T1	T2	Т3	N				
1	0								
1	0								
					<u> </u>				
	90								
	180								
					<u> </u>				
		180	180	180	180	180	180	180	180



Face plate s1.F456/C10.V11H













Sample image

PADLOCK DEVICE

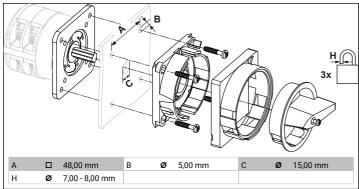
with F-handle ring

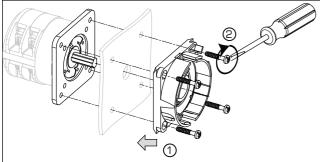
Designation: S1.V840G/A71/A2
Colour of F-handle ring: "A" black
Colour of face ring: "7" electro-grey
Locking position: "1" at 270° (1x90°)
Type of mounting: "A" for type of mounting E

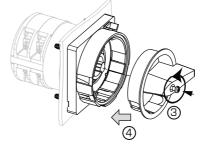
Type of mounting: "A" for type of mounting E **Type of mounting:** "A" for type of mounting GK

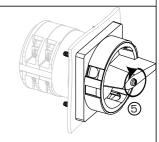
(Rose)

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.



