



Sample image

Datasheet

Article number: 70010364 Designation: KG64B.T304.E

Description: Switch Local Disconnector

Rated insulation voltage Ui								
				Voltage (V) AC / D	OC .			
Rated uninterrupted current	/lab			690 AC				
Current (A)	Ambient tempe	erature (°C)	Poak temperatu	re (°C) additional re	equirements			
63	Ambient tempe	50	reak temperatu			during 24 hours v	with peaks up to +55°C	
Rated operational current le				00 7 in blent tel	inperature 100 0	during 2+ nours v	mar peaks up to 100 0	
Utilization category					Vo	Itage (V)		Current (
AC-32A						20 - 400		,
Rated operational power								
Utilization category			Voltage (V)	٨	lo. of phases		No. of poles	Power (k
AC-3			220 - 240		3		3	
AC-3			380 - 440		3		3	18,
AC-3			660 - 690		3		3	
AC-23A			220 - 240		3		3	
AC-23A			380 - 440		3		3	18,
AC-23A Max Fuse Rating IEC			660 - 690		3		3	18,
Fuse characteristic						No. of Fu	1999	Current (
gG						NO. OF FL	1	Current
•							•	
UL60947-4-1 , UL508								
Nominal Voltage				1/ 1/ 00 10 /5				
				Voltage (V) AC / D	OC .			
Rated insulation voltage Ui				600 AC				
Rated insulation voltage of				Voltage (V) AC / D	00			
				600 AC	<i>,</i>			
Rated thermal current				000 AC				
Nated thermal current								
		Current (4)		Amhient temnera	ature (°C) Additio	nnal Text	
		Current (4)		Ambient tempera	ature (°C) Additio	onal Text	
Horsepower rating					Ambient tempera		onal Text	
Horsepower rating Across-the-Line Motor Starting	g			Voltage (V)	Ambient tempera		Power (HP)	Ambient temperature [
	g			Voltage (V) 110 - 120		0 - 40		
Across-the-Line Motor Starting	g				No. of phases	0 - 40 No. of poles	Power (HP)	
Across-the-Line Motor Starting DOL	g			110 - 120	No. of phases	0 - 40 No. of poles 2	Power (HP)	
Across-the-Line Motor Starting DOL DOL DOL DOL DOL	g			110 - 120 220 - 240 277 - 277 415 - 415	No. of phases	0 - 40 No. of poles 2 2 2 2	Power (HP) 3 7,50 7,50 10	
Across-the-Line Motor Starting DOL DOL DOL	g			110 - 120 220 - 240 277 - 277	No. of phases	0 - 40 No. of poles 2 2 2	Power (HP) 3 7,50 7,50 10 15	
Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL DOL DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 1	0 - 40 - No. of poles 2 2 2 2 2 2 2 2 2	Power (HP) 3 7,50 7,50 10 15	
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	No. of phases 1 1 1 1 1 1 3	0 - 40 - No. of poles 2 2 2 2 2 2 2 3	Power (HP) 3 7,50 7,50 10 15 5	
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240	No. of phases 1 1 1 1 1 1 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3	Power (HP) 3 7,50 7,50 10 15 5 15	
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415	No. of phases 1 1 1 1 1 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 15 20	
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	No. of phases 1 1 1 1 1 1 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 20 30	Ambient temperature (*
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415	No. of phases 1 1 1 1 1 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 15 20	
Across-the-Line Motor Starting DOL	g			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	No. of phases 1 1 1 1 1 1 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 20 30	
Across-the-Line Motor Starting DOL			60	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 3	0 - 40 - 2 No. of poles 2 2 2 2 2 2 2 2 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 20 30 40	
Across-the-Line Motor Starting DOL	e on circuits capab	ole of delivering r	ot more than 10kA rms	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 3 3 3 3 3 rres, 600V ac max.	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab	ole of delivering r	ot more than 10kA rms	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 3 3 3 3 3 rres, 600V ac max.	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin	ole of delivering r g not more than	ot more than 10kA rms 65000 rms symmetrica	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 res, 600V ac max.ux., when protecte	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin	ole of delivering r ing not more than	ot more than 10kA rms 65000 rms symmetrica	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 res, 600V ac max.ux., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin	ole of delivering r g not more than	ot more than 10kA rms 65000 rms symmetrica	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 res, 600V ac max.ux., when protecte	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin Temp	ole of delivering r og not more than perature rating (% 60 - 7	ot more than 10kA rms 65000 rms symmetrica 2)	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 symmetrical amper	No. of phases 1 1 1 1 1 3 3 3 3 3 res, 600V ac max.	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin Temp ge (V) Curre.	ole of delivering r ig not more than operature rating (° 60 - 7	oot more than 10kA rms 65000 rms symmetrica 25 No. of phases	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 symmetrical amper	No. of phases 1 1 1 1 1 1 3 3 3 3 3 res, 600V ac max. ix., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin Temp ge (V) Curre 277	ole of delivering rig not more than Derature rating (% 60 - 7	ot more than 10kA rms 65000 rms symmetrica C) 55	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 symmetrical amper	No. of phases 1 1 1 1 1 3 3 3 3 cres, 600V ac max.ux., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	
Across-the-Line Motor Starting DOL	e on circuits capab apable of deliverin Temp ge (V) Curre.	ole of delivering r ig not more than operature rating (° 60 - 7	oot more than 10kA rms 65000 rms symmetrica 25 No. of phases	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 symmetrical amper	No. of phases 1 1 1 1 1 1 3 3 3 3 3 res, 600V ac max. ix., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected d by 70A Class J	Power (HP) 3 7,50 7,50 10 15 15 20 30 40 by Type RK1 fuses.	

- 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.



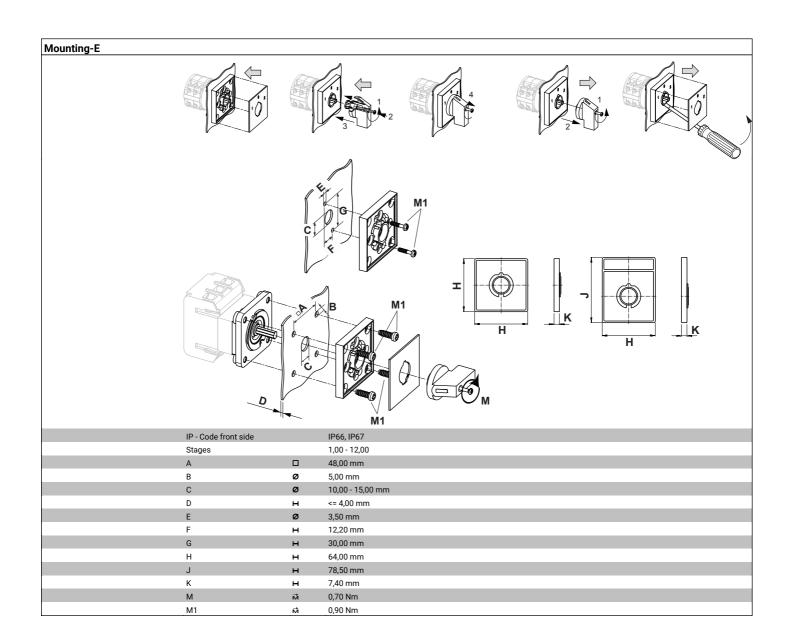
General Informatio	n								
Text					OFF :::				
- When intended for	r use as a motor dis	sconnector the de	evice shall be provided with a r	nethod of being locked in the	e OFF-position.				
CSA									
Nominal Voltage									
				Voltage (V) AC / DC					
Rated insulation vo	oltana I li			600 AC					
Nated Insulation ve	ortage of			Voltage (V) AC / DC					
				600 AC					
Rated thermal curr	ent								
			Current (A)	Ambie	ent temperature (Text		
Horsepower rating			60		0 -	40			
Across-the-Line Mo				Voltage (V) No.	of phases No.	of poles	Power (HP)	Ambient temp	erature [°C]
DOL	3			110 - 120	1	2	3	,	40
DOL				220 - 240	1	2	7,50		40
DOL				277 - 277	1	2	7,50		40
DOL				415 - 415	1	2	10		40
DOL DOL				440 - 480 110 - 120	1 3	2	15 5		40 40
DOL				220 - 240	3	3	15		40
DOL				415 - 415	3	3	20		40
DOL				440 - 480	3	3	30		40
DOL				550 - 600	3	3	40		40
Temp. rating of wir	re								
		Temperature	rating (°C) 75		Current	(A) Text			
General Use			73						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles				No. of contac	ts in series
AC	277	60	1	1					1
AC	600	60	1	2					1
AC	600	60	3	3					1
GENERAL TEC	HNICAL INFO	RMATION							
Tightening torque	of screws								
			tightenin	g torque (Nm)				tightening to	
Otala - I I				1,80					16
Stripping length				Length (mm)					
				12 STRIPPINGL	FNGTH				
Size of conductor				12 011 1 1102					
6					C	ross section (r	nm²) or		
composition of con flexible wire	ductor		Min. / Max. value Max.	No. of conducto		WG/kcmil) ` WG 6		Material of the wire Copper	
flexible wire			Max.			Omm²		Copper	
Single-core or strar	nded wire		Max.			WG 6		Copper	
Single-core or strar			Max.		1 1	5mm²		Copper	
flexible wire with sl								Coppei	
Approbations			Max.			Omm²		Copper	
						Omm²			
Specification						Dmm²			Marking
						Omm²			Marking EDF
						Omm²			Marking EHL
Specification						Omm²			Marking ENC
Specification EAC						Omm²			EHI
Specification						Omm²			EHE
Specification EAC						Omm²			EHE
Specification EAC						Omm²			EHI
Specification EAC CE marking						Omm²			# C€
Specification EAC CE marking UK Directives						Omm²			# C€
Specification EAC CE marking						Omm²			EHE
Specification EAC CE marking UK Directives CSA C.22.2 No.14						Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3	leeve					Omm²			© SE
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr	eeve			V. L.		Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive	eeve			Value ph?		Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive Cross Screwdriver	eeve			PH2		Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw driver Cross Screwdriver Slot screwdriver ac	ew driver					Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive Cross Screwdriver	ew driver			PH2		Omm²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw driver Cross Screwdriver Slot screwdriver ac General Informatio Text	ew driver	4	Max.	PH2		Omm ²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive Cross Screwdriver Slot screwdriver ac General Informatio Text	ew driver er ecording to DIN 526- in	4	Max.	PH2		Omm ²			
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive Cross Screwdriver ac General Informatio Text - EMC Note: This de - Do not lubricate o	rew driver coording to DIN 526- in evice is suitable for r treat contacts.	4 use in environme	Max.	PH2 1,2x6,5	1 1				
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw driver Cross Screwdriver Slot screwdriver ac General Informatio Text - EMC Note: This de - Do not lubricate o - Switches may only	rew driver coording to DIN 526- in evice is suitable for r treat contacts.	4 use in environme	ent A and B.	PH2 1,2x6,5	1 1				
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw drive Cross Screwdriver ac General Informatio Text - EMC Note: This de - Do not lubricate o - Switches may onl - Use copper wire o - Terminals with far	rew driver er executing to DIN 526. In evice is suitable for r treat contacts. y be mounted, connuly, Do not coat the ctory fitted jumper l	use in environmenected and set into ewire end with tir	ent A and B. to operation by qualified perso h. d during production. Take care	PH2 1,2x6,5	d rules of techno	logy.	t by undoing botl	Copper	
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw driver Slost screwdriver solo screwdriver solo screwdriver Slost screwdriver EMC Note: This de - Do not lubricate o - Switches may on! Use copper wire o - Terminals with far all terminal screw	rew driver coording to DIN 526- in evice is suitable for r treat contacts. y be mounted, conn inly. Do not coat the ctory fitted jumper I s must be tightenec	use in environme nected and set int e wire end with tir links are tightene d to recommende	Max. ent A and B. to operation by qualified person.	PH2 1,2x6,5	d rules of techno	logy.	t by undoing both	Copper	
Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scr Type of screw driver Cross Screwdriver Slot screwdriver Slot screwdriver - EMC Note: This de - Do not lubricate o - Switches may on! - Use copper wine' - Terminals with far all terminal screw	rew driver er executing to DIN 526. In evice is suitable for r treat contacts. y be mounted, connuly, Do not coat the ctory fitted jumper l	use in environme nected and set int e wire end with tir links are tightene d to recommende	ent A and B. to operation by qualified perso h. d during production. Take care	PH2 1,2x6,5	d rules of techno	logy.	t by undoing both	Copper	

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
<u>^</u>	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 KG64B.T304.E

L1 L2 L3
T1 T2 T3

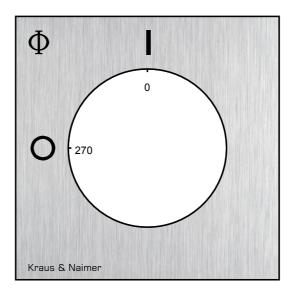


Switch program KG64B.T304.E

A 1/ 0 N								
Mraus & Na	KG	4B	T304			Page	1 of 1	
Face Plate								
1	L1 1	L2 3	L3 5	N 7	9	11	13	15
					!			
0 (-270 90 -	l 📜	χ1	χ1	را				
180		\	\	\				
			_	-				
Switching Angle 90	2	4	6	8	10	12	14	16
Total switching Angle 90 270	T1	T2	Т3	N				
1 0				╁				
90								
100				1				
180								
							Ver	sion: 94



Face plate S1.F456/A1B.PEL







HANDLES

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