

Datasheet

Article number: 70011051

Designation: KG32B.T206/D-A054.KL11V

Description: Switchgear

IEC 60947-3 EN 60947-3, VDE 0	0660 Teil 107						
Rated insulation voltage Ui			Voltage (V) AC / E	OC .			
			690 AC				
Rated impulse withstand voltage Uimp							
Voltage (kV) Overvoltage category	Pollution de	gree	Supply system				Function
6 III	3		Valid for lines with gro	ounded common	noutral termination	nn.	Switch / Switch disconnector
Rated uninterrupted current lu/lth	<u> </u>		valia for lines with giv	bunded common	neatrar terminatio	лі	disconnector
	emperature (°C)	Peak tempera	ature (°C) additional r	equirements			
32	50	•			during 24 hours w	vith peaks up to +55°C	
Conventional enclosed thermal current Ith	ie			•		•	
Current (A) Ambient temperature (°C)	Peak temperature (°C)				No. of stage	s (from - to) Mounting	Mounting size
32 35	40	Ambient tempera up to +40°C	ture +35°C during 24 h	lours with peaks			
Rated operational current le							
Utilization category				Vo	oltage (V)		Current (A)
AC-32A					20 - 400		32
AC-20A					690		32
AC-21A					20 - 690		32
AC-22A					220 - 500		32
AC-22A					660 - 690		32
Rated operational power					-		
Utilization category		Voltage (V)	Λ	lo. of phases		No. of poles	Power (kW)
AC-3		220 - 240		3		3	5,50
AC-3		380 - 440		3		3	7,50
AC-3		500 - 500		3		3	7,50
AC-3		660 - 690		3		3	7,50
AC-3		220 - 240		1		2	3
AC-3		380 - 440		1		2	5,50
AC-23A		220 - 240		3		3	5,50
AC-23A		380 - 440		3		3	11
AC-23A		500 - 500		3		3	11
AC-23A		660 - 690		3		3	11
AC-23A		220 - 240		1		2	4,20
AC-23A		380 - 440		1		2	7,50
Max Fuse Rating IEC		555 1.5				-	7,00
Fuse characteristic					No. of Fu	ises	Current (A)
gG						1	35
Rated conditional short-circuit current			-			·	
	nt (kA)		Text		cut-off currer	nt Ic (kA)	Durchlassenergie I²t (kA²s)
	15		_			3,50	5,62
Rated breaking capacity							•••
. ,	Voltage (V)			C	urrent (A) Utilizat	ion category / UL (DOL)	
	220 - 240				220	-, ,	
	380 - 440				220		
	660 - 690				135		
Rated short-circuit making capacity Icm	·						
							Current (A)
111.600.47 4 1 111.500							1000
UL60947-4-1 , UL508							
Nominal Voltage			Voltage (V) AC / E	DC .			
			600 AC	-			
Rated insulation voltage Ui			000 710				
			Voltage (V) AC / E	OC .			
Date of the survey of			600 AC				
Rated thermal current	Current (A)			Ambient temper	ature (°C) Additio	anal Toyt	
	30			Ambient tempera	0 - 40	mui TCAL	
Horsepower rating							
Across-the-Line Motor Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL			110 - 120	1	2	1,50	40
DOL			200 - 208	1	2	3	40
					_	-	



No. of poles Power (HP) Ambient temperature [* 2 5 5 2 5 5 2 5 5 2 7,50 2 7,50 3 3 3 3 10 3 10 3 20 3 25 5 5 5 5 5 6 7 5 7 5 7 5 7 5 7 5 7 5 7
2 5 2 5 2 7,50 2 7,50 2 7,50 3 3 3 3 10 3 10 3 20 3 25 hen protected by Type RK1 fuses. d by 40A Class J fuses. ent (A) Text nufacturer. No. of contacts in seri
2 5 2 7,50 2 7,50 3 3 3 3 10 3 10 3 10 3 20 3 25 hen protected by Type RK1 fuses. d by 40A Class J fuses. ent (A) Text No. of contacts in seri
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re (°C) Additional Text
0 - 40
- · · ·
No. of poles Power (HP) Ambient temperature [
2 1,50
2 5
2 5
2 5
2 7,50
2 7,50
3 3
3 10
3 10
3 20
3 25
ent (A) Text
-,-
 No. of contacts in seri
No. of contacts in seri
No. of contacts in seri CSA Text
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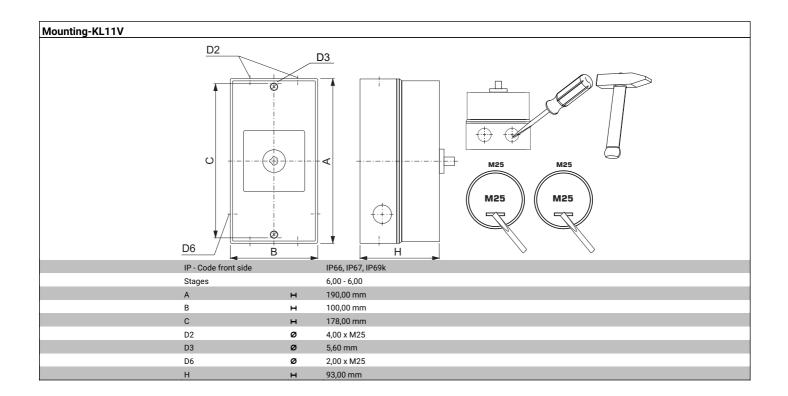


Switch Measures Picture name		В		F	Н	H1	H2	ŀ
Totale name		U		1	П	пі	П	,
		_		_	54	_	_	
				-	34			
GENERAL TECHNICAI	L INFORMATIC	N						
/linimal ratings (voltage/cur	rent)							
V	oltage (V)	C	Current (mA) Ei	nvironment conditi	ons	Environment conditions 2	Environment conditions	: 3
			Α	mbient air must be	free of particular			
			CC	ontamination with ulfurous compone	sulfur and/or	In case extraordinary contan		
	24		500 et	uiturous componei	nts such as H25	with dust is expected an ade dust protection is required.	equate 	
Rated short-time withstand o			000 0			auet protection to required.		
				Time (s)				Current (
				1				43
Size of conductor								
						Cross section (mm²)	or	
composition of conductor		Min. / Max. v	value	No	. of conductor per to	erminal (AWG/kcmil) ` ´	Material of the wire	
lexible wire		Max.				1 AWG 10	Copper	
lexible 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 4mm ²	Copper	
Stripping length								
				Length (mm)	-			
				q	_[L]_			
Recommended screw driver								
Type of screw driver					Value			
Cross Screwdriver					PH2			
Slot screwdriver according to	DIN 5264				0,8x4			
Tightening torque of screws	7 5 1 020 1				ojok i			
			tiahte	ning torque (Nm)			tiahteni	ng torque (lb-
			tigrite	1,25			tig/ite/iii	ing torque (ib
Power loss per pole				1,20				
Circi icco pei peie								
. с.нет 1000 рет рето								
Mechanical life								,
Mechanical life	. of operating cycles		Ambient	temperature (°C)		Number of stages		1,
Mechanical life	. of operating cycles		Ambient	temperature (°C)		Number of stages	Valid for manual operation. Valid	1,
Mechanical life	. of operating cycles		Ambient	temperature (°C)		Number of stages	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti	for switches e refers to the me of the
Mechanical life			Ambient				Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to	for switches e refers to the me of the o "electrical lif
Mechanical life No.	. of operating cycles		Ambient	temperature (°C)			Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti	for switches e refers to the me of the
Mechanical life No. Electrical life (B10-Value)	200000		Ambient			-	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to	for switches e refers to the me of the
Mechanical life No. Electrical life (B10-Value) Utilization	200000	e constant		-5 - 55	No of operations	number of series	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value)	200000 τim cos(φ)		Voltage (V)	-5 - 55 Current (A)	No. of operations	number of series contacts AC/DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization	200000	e constant (ms)	Voltage (V)	-5 - 55 Current (A) 15	200000	number of series contacts AC/DC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	e refers to the me of the electrical life
Mechanical life No. Electrical life (B10-Value) Utilization category	2000000 cos(φ) 0,59 0,64	e constant (ms) 	Voltage (V) 220 220	-5 - 55 Current (A) 15 20	200000 200000	number of series contacts AC/DC 1 AC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values". One operating cycle mea	for switches e refers to the me of the "electrical lifns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000	e constant (ms) - - -	Voltage (V) 220 220 440	-5 - 55 Current (A) 15 20 22	200000 200000 175000	number of series contacts AC/DC 1 AC 1 AC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64 	e constant (ms) - - -	Voltage (V) 220 220 440 690	-5 - 55 Current (A) 15 20 22 13	200000 200000 175000 200000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000	e constant (ms) - - - - -	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32	200000 200000 175000 200000 100000	number of series contacts AC/DC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64 - - -	e constant (ms) - - - - - 50	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000	number of series contacts AC/DC 1 AC 1 A	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical lif ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000	e constant (ms) - - - - -	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32	200000 200000 175000 200000 100000	number of series contacts AC/DC 1 AC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical li ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64 - - -	e constant (ms) - - - - - 50	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000	number of series contacts AC/DC 1 AC 1 A	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical li ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64 - - -	e constant (ms) - - - - - 50	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000	number of series contacts AC/DC 1 AC 1 A	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical li ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-23 Degree of protection IP - Code switch terminal	200000 Cos(φ) 0,59 0,64	e constant (ms) - - - - - 50	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000	number of series contacts AC/DC 1 AC 1 A	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values*. One operating cycle mea	for switches e refers to the me of the "electrical li ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms) - - - - - 50 55	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values". One operating cycle mea	for switches e refers to the me of the "electrical li ns 0-1-0.
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-23 Degree of protection IP - Code switch terminal	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms) - - - - - 50 55	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to values". One operating cycle mea	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-23 AC-22 Degree of protection P - Code switch terminal P20 Conditions during transport a	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5 - 55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum ten	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64	e constant (ms)	Voltage (V) 220 220 440 690 690	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 cos(φ) 0,59 0,64 and storing Minimum	e constant (ms) 50 55	Voltage (V) 220 220 440 690 690	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-22 Degree of protection IP - Code switch terminal IP20 Conditions during transport a Shock / Vibration Type of oscillation Resistance to vibration Resistance to shock General Information Text EMC Note: This device is su	200000 Cos(φ) 0,59 0,64 and storing Minimum	e constant (ms) 50 55	Voltage (V) 220 220 440 690 690	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-23	200000 Tim cos(φ) 0,59 0,64 and storing Minimum sitable for use in envitacts.	e constant (ms) 50 55 temperature (°C) -40	Voltage (V) 220 220 440 690 690 110	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	200000 Tim cos(φ) 0,59 0,64 and storing Minimum sitable for use in envitacts.	e constant (ms) 50 55 temperature (°C) -40	Voltage (V) 220 220 440 690 690 110	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-23	zoooooo cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts.	e constant (ms) 50 55 temperature (°C) -40	Voltage (V) 220 220 440 690 690 110	-5-55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 DC 1 DC 1 DC 1 DC	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category AC-23 AC-23 AC-22 Degree of protection IP - Code switch terminal IP20 Conditions during transport at the condition of the co	zoocoo (φ) cos(φ) 0,59 0,64 and storing Minimum ditable for use in envitacts.	e constant (ms) 50 55 temperature (°C) -40 ironment A and B. set into operation with tin.	Voltage (V) 220 220 440 690 690 110	-5 - 55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonooo cos(φ) 0,59 0,64 and storing Minimum Minimum titable for use in envitacts. ited, connected and it coat the wire end it digressed in the same title in	e constant (ms) 50 55 temperature (°C) -40 ironment A and B. set into operation with tin. phtened during pro-	Voltage (V) 220 220 440 690 690 110 by qualified per	-5 - 55 Current (A) 15 20 22 13 32 2 1,50	200000 200000 175000 200000 100000 60000 100000 Maximum tem Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values". One operating cycle mea No. of phases 1 1 3 3 3 1 1 1	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum ittable for use in envitacts. ited, connected and it coat the wire end it dightened to recom	e constant (ms) 50 55 temperature (°C) -40 ironment A and B. set into operation with tin. httened during promended torque specimended tor	Voltage (V) 220 220 440 690 690 110 by qualified per duction. Take cecifications.	-5 - 55 Current (A) 15 20 22 13 32 2 1,50 rsons according to	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end of jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end of jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0." No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end of jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
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Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end of jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0. No. of po
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end vd jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchese refers to the me of the "electrical lins 0-1-0. No. of pooling permissible permissible. Distance (n
Mechanical life No. Electrical life (B10-Value) Utilization category	zonono cos(φ) 0,59 0,64 and storing Minimum Mistable for use in envitacts, sted, connected and of coat the wire end vd jumper links are tig tightened to recommendles: the position	e constant (ms) 50 55 temperature (*C) -40 ironment A and B. set into operation with tin. hythened during promended torque specified the handle of the	Voltage (V) 220 240 690 690 60 110 by qualified per duction. Take cecifications.	Current (A) 15 20 22 13 32 2 1,50 rsons according to are during installa	200000 200000 175000 200000 100000 60000 100000 Maximum ten Values Min. 4g, 2-100Hz, 1 min. 6g, 6ms	number of series contacts AC/DC 1 AC 1 AC 1 AC 1 AC 1 DC 1 D	Valid for manual operation. Valid without optional extras. The value mechanics of the device, for lifeti electrical contacts please refer to - values*. One operating cycle mea No. of phases 1 1 3 3 3 1 1 1 irements peratures below -5°C no shock load	for switchee refers to the me of the 'electrical Ins 0-1-0. No. of p



Operating tempe	rature	
	Min. Temperature [°C]	Max. Temperature [°C]
	-5	55
Waste Electrical	& Electronic Equipment (WEEE)	
Picture name	Description	
Z	Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmenta return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.kr	lly friendly waste disposal company; rausnaimer.com
Proposition 65		
Picture name	Description	
\triangle	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For www.P65Warnings.ca.gov.	or more information go to

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





Wiring diagram KG32B.T306.KL11V

1L1 1L2 1L3 2L1 2L2 2L3 1T1 1T2 1T3 2T1 2T2 2T3

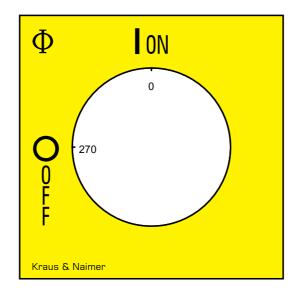


Switch program KG32B.T306.KL11V

	aimer	KG32B T306 Pag							
	1	KG3	32B	T306	ı	ı	Page	1 of 1	
Face Plate	1L1	1L2	1L3	2L1	2L2	2L3			
0 2770 90	1	3	, I	7	9	11	13	15	
180		/	\	\	/	/			
Switching Angle 90	2	4	6	8	10	12	14	16	
Total switching Angle 90	1T1	1T2	1T3	2T1	2T2	2T3			
0 27									
1	0								
9	90								
18	30								



Face plate S1.F656/E10.V9





AUXILIARY CONTACTS

(cam operated) for switch type KG20 - KG100C and KH(R)16 - KH(R)25B $\,$

Designation: K0.M510A/2CA-B

Number of contacts: "2" 2 auxiliary contacts **Operation of contacts:** "C" 1 auxiliary contact closed in pos. 1 and 1 auxiliary contact closed in

pos. 0 (NO/NC)

Type of version: "A" 1. auxiliary contact module Type of mounting: "-B" for type of mounting VE,

VE2, silver contacts

IEC 60947-3 EN Nominal Voltage	•							
•				Voltage (V) AC / DC				
				500 AC				
				690 AC				
Rated uninterrupted o								
Current (A)	Ambien	t temperature (°C)	Peak ter	mperature (°C) additional requirements				
10		55		60 Ambient temperature +				
16		55		60 Ambient temperature +	55°C during 24 hours v	vith peaks up to +60°0	;	
Conventional enclose	d thermal current	Ithe			No of the sec	- /5		
Current (A) Ambient	temperature (°C)	Peak temperature (°C)	Additional re	equirements	No. of stage	s (rrom - to) Mounting	Mounting size	·
				nperature +35°C during 24 hours with p	eaks	12,9		
10	35	40					-	
			Ambient tem	nperature +35°C during 24 hours with p	eaks			
16	35	40	up to +40°C				-	
Rated operational cur	rent le				Valtage (V)			Ourmant (
Utilization category AC-15					Voltage (V)			Current (A
AC-15 AC-15					110 - 240 380 - 440			2,5 1,5
AC-15					500			غر ا -
AC-21A					500			1
Max Fuse Rating IEC					300			
Fuse characteristic					No. of Fu	1999	(Current (A
gG					140. 011 0	1	·	1 Janean
						<u>'</u>		
JL60947-4-1 , U	L508							
Nominal Voltage								
				Voltage (V) AC / DC				
				600 AC				
Rated insulation volta	ige Ui							
				Voltage (V) AC / DC				
				600 AC				
Rated thermal curren	<u> </u>	O		A b : b	(00) Additi-	I T+		
		Current (A)		Ambient te	mperature (°C) Additio 0 - 40	nai rext		
Pilot duty rating code		10			0 - 40			
Duty Code								
A600								
General Use								
AC / DC	Voltage (V)	Current (A)	No. of phase	ses No. of poles			No. of contact	te in carie
AC	600	10	No. or prida	1 1			No. or contact	is in sen
	-	-		··				
GENERAL TECH		MATION						
Minimal ratings (volta			- (:)					
	Voltage (V)		Current (mA)	Environment conditions	Environment condition	ons 2 Ei	nvironment conditions 3	
				Ambient air must be free of particular contamination with sulfur and/or	In case extraordinar	v contamination		
				sulfurous components such as H2S	In case extraordinary with dust is expected	d an adequate		
	20		5	etc.	dust protection is re	quired		
Size of conductor								
composition of cond.	otor	Min. / Max	valuo	No of conductor and	Cross section terminal (AWG/kcmil)	n (mm²) or	Material of the wire	
composition of condu solid wire	Liul	Min. / Max Min.	value	No. of conductor per	terminai (AWG/kcmii) 1 0.5mm²		Copper	
solid wire		Min.			2 0.5mm²		Copper	
					1 0.75mm²		Copper	
							CODDEI	
flexible wire		Min.						
flexible wire flexible wire flexible wire		Min. Max.			2 0.75mm² 2 AWG 16		Copper Copper	



		Cross section (mm²) or	
Min. / Max. value	No. of conductor per terminal	(AWG/kcmil)	Material of the wire
Max.	2	AWG 14	Copper
Max.	2	1.5mm²	Copper
Max.	2	1mm²	Copper
Min.	1	0.5mm ²	Copper
Min.	2	0.5mm²	Copper
	Length (mm)		
	0		
	Value		
	* * * * * * * * * * * * * * * * * * * *		
	ojoxojo		
tiahten	ina torque (Nm)		tightening torque (lb-in)
	•••		
			Power (W)
			0,40
mperature (°C)	Maximum temperatur	e (°C) additional requirements	s
-40		85 In case of temperature	s below -5°C no shock load permissible
t into operation by qualified pers	ons according to the accepted rules of tech	nology.	
h tin.			
	Max. Max. Max. Min. Min. Min. tighten.	Max. 2 Max. 2 Min. 1 Min. 2 Length (mm) - 6 Value PH1 0,6x3,5 tightening torque (Nm) 0,60 mperature (*C) -40 Maximum temperatur t into operation by qualified persons according to the accepted rules of tech	Max. Max. Max. Max. 2 1.5mm² Aix. 2 1 mm² Min. 1 0.5mm² Min. 2 0.5mm² Length (mm) - 6 L Value PH1 0,6x3,5 tightening torque (Nm) 0,60 Maximum temperature (*C) additional requirement -40 Maximum temperature (*C) additional requirement -40