



Sample image

### **Datasheet**

Article number: 70022095

Designation: KG125.T103/D-A070.STM

Description: Switch

1⊑し 0094/-3	EN 60947-3, VD	JE U66U Tell TU	/							
Rated insulation	voltage Ui			1/-14 (1) 40 /	20					
				Voltage (V) AC / I	OC .					
Rated uninterrupt	ted current lu/lth			1000 AC						
Current (A)		ent temperature (°C)	Peak temperatu	ıre (°C) additional ı	equirements					
125	Ambie	50	r eak temperatu			durina 24 hours w	vith peaks up to +55°C			
Rated operational	l current le	30		33 Ambient te	imperature 130 C	during 24 nours vi	ntil peaks up to 100 C			
Utilization categor					Vo	ltage (V)		Current (A)		
AC-32A	,				***	20 - 400		125		
Rated operationa	Inower					20 400		120		
Utilization categor			Voltage (V)		No. of phases		No. of poles	Power (kW)		
AC-3	,		220 - 240		3		3	22		
AC-3			380 - 440		3		3	37		
AC-3			660 - 690		3		3	30		
AC-23A			220 - 240		3		3	30		
AC-23A			380 - 440		3		3	45		
AC-23A			660 - 690		3		3	37		
Max. Fuse rating	IEC		***************************************		•		•	**		
Fuse characteristi						No. of Fu	ses	Current (A)		
gG						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	125		
								120		
UL60947-4-1	, UL5U8									
Nominal Voltage										
				Voltage (V) AC /	DC					
				600 AC						
Rated insulation v	voltage Ui									
				Voltage (V) AC / I	DC					
				600 AC						
Rated thermal cu	rrent		4							
		Curr	ent (A)		Ambient tempera	ature (°C) Additio				
			150		0 - 40 ON-OFF switch (Valid when connected with wire rated for 75°C)					
			125			Change 0 - 40 75°C)	e over switch (Valid when	connected with wire rated for		
Horsepower ratin	200		125			0-40 /3 0)				
Across-the-Line M				Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]		
DOL DOL	otor starting			voltage (v)	IVO. OI pilases	No. or poles				
DOL				110 - 120	1	2		40		
				110 - 120	1	2	7,50	40		
				220 - 240	1	2	20	40		
DOL				220 - 240 277 - 277	1	2 2	20 20	40 40		
DOL DOL				220 - 240 277 - 277 440 - 480	1 1 1	2 2 2	20 20 35	40 40 40		
DOL DOL DOL				220 - 240 277 - 277 440 - 480 550 - 600	1 1 1 1	2 2 2 2	20 20 35 35	40 40 40 40		
DOL DOL DOL				220 - 240 277 - 277 440 - 480 550 - 600 110 - 120	1 1 1 1 3	2 2 2 2 3	20 20 35 35 15	40 40 40 40 40		
DOL DOL DOL DOL				220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240	1 1 1 1 3 3 3	2 2 2 2 3 3	20 20 35 35 15	40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL				220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480	1 1 1 1 3 3 3	2 2 2 2 3 3 3	20 20 35 35 15 30 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL	- value			220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240	1 1 1 1 3 3 3	2 2 2 2 3 3	20 20 35 35 15	40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse				220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480	1 1 1 1 3 3 3	2 2 2 2 3 3 3	20 20 35 35 15 30 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acci	eptability	ite conchlo of deliver	ing set more than 101.4 see-	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3	2 2 2 2 3 3 3 3 3	20 20 35 35 15 30 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL This device is suit	eptability table for use on circu		ing not more than 10kA rms	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3	2 2 2 2 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL Conditions of acct This device is suit Suitable for use o	eptability table for use on circu on a circuit capable of		ing not more than 10kA rms than 65000 rms symmetrica	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3	2 2 2 2 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL This device is suit	eptability table for use on circu on a circuit capable of	delivering not more	than 65000 rms symmetrica	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 3 3 3 3 3 3 eres, 600V ac max.	2 2 2 2 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL Conditions of acct This device is suit Suitable for use o	eptability table for use on circu on a circuit capable of		than 65000 rms symmetrica	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 3 3 3 3 3 3 eres, 600V ac max.	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL Ton DOL DOL Ton Dol Dol Tenp. rating of w	eptability table for use on circu on a circuit capable of	delivering not more	than 65000 rms symmetrica	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 3 3 3 3 3 3 eres, 600V ac max.	2 2 2 2 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of accer This device is suit Suitable for use o Temp. rating of w	eptability table for use on circu on a circuit capable of vire	delivering not more Temperature ratio	than 65000 rms symmetrica ng (°C) 75	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3 3 3 eres, 600V ac max.	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acct This device is suit Suitable for use o Temp. rating of w General Use AC / DC	eptability table for use on circu on a circuit capable of vire  Voltage (V)	Temperature ratio	than 65000 rms symmetrical rig (°C) 75  No. of phases	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3 eres, 600V ac max. max., when protec	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acc This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC	eptability table for use on circu on a circuit capable of vire  Voltage (V) 277	Temperature ratio	than 65000 rms symmetrica ng (°C) 75 No. of phases 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 Cress, 600V ac max., when protect	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40		
DOL DOL DOL DOL DOL DOL DOL DOL DOL Tol DOL DOL DOL Tol DOL Tol	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277	Temperature ratio	than 65000 rms symmetrical ng (°C) 75 No. of phases 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 4 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40 40 10 No. of contacts in series		
DOL DOL DOL DOL DOL DOL DOL DOL Ton DOL DOL DOL Ton DOL Ton This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC AC AC	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277 600	Current (A) 125 150	than 65000 rms symmetrica ng (°C) 75 No. of phases 1 1 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40 No. of contacts in series		
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC AC AC AC	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277	Temperature ratio	than 65000 rms symmetrical ng (°C) 75 No. of phases 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 3 3 3 3 3 3 3 3 3 4 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	40 40 40 40 40 40 40 40 10 No. of contacts in series		
DOL DOL DOL DOL DOL DOL DOL DOL DOL This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277 600	Current (A) 125 150	than 65000 rms symmetrica ng (°C) 75 No. of phases 1 1 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	No. of contacts in series  No. of contacts in series  1		
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC AC AC AC	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277 600	Current (A) 125 150	than 65000 rms symmetrica ng (°C) 75 No. of phases 1 1 1	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	No. of contacts in series  No. of contacts in series  1		
DOL DOL DOL DOL DOL DOL DOL DOL DOL This device is suit Suitable for use of Temp. rating of we  General Use AC / DC AC AC AC AC AC AC AC double-throw	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277 600 600	Current (A) 125 150 150	than 65000 rms symmetrical rig (°C) 75  No. of phases 1 1 1 3	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	ores, 600V ac max. max., when protect Co	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	No. of contacts in series  1 1 1 1		
DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use o Temp. rating of w  General Use AC / DC AC AC AC AC AC AC AC AC AC double- throw function	eptability table for use on circu n a circuit capable of vire  Voltage (V) 277 277 600 600	Current (A) 125 150 150	than 65000 rms symmetrical rig (°C) 75  No. of phases 1 1 1 3	220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	ores, 600V ac max. max., when protect Co	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 35 35 15 30 60 60	No. of contacts in series  1 1 1 1		

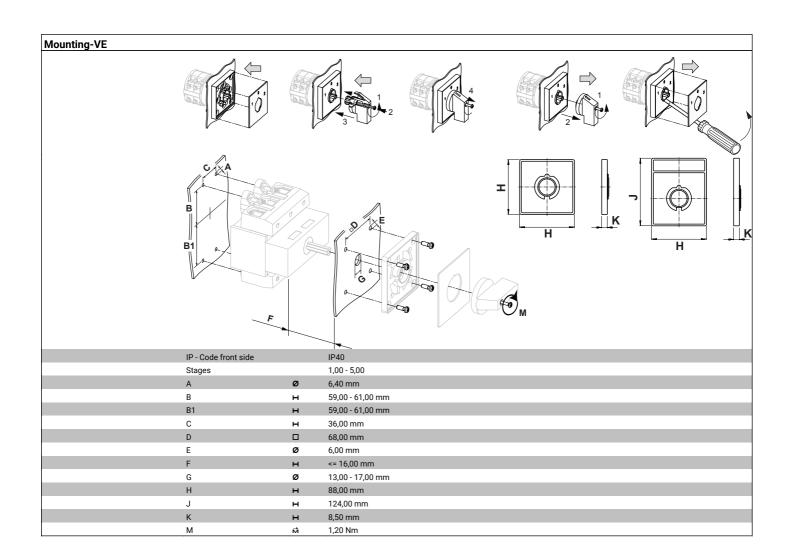


General Information									
Text									
					ld be provided fro	om the manufactu	rer, or the operating	handle and position indicat	ing means
to be used should have bee	en previously evaluated in	combination with the n	nanual motor contr	ollers.					
CSA									
Nominal Voltage									
•			Voltage	(V) AC/D	C				
				600 AC					
Rated insulation voltage Ui									
				(V) AC/D	C				
				600 AC					
Rated thermal current		• • • • • • • • • • • • • • • • • • • •				. (0.0)			
		Current (A)			Ambient tempera	ature (°C) Addition	nal lext		
Horsepower rating		150				0 - 40			
Across-the-Line Motor Startii	na		V	oltage (V)	No. of phases	No. of poles	Power (HP)	Ambient tempe	oraturo [°C]
DOL	ny			110 - 120	1 1	2	7,50	Ambient tempe	40
DOL				220 - 240	1	2	20		40
DOL				277 - 277	1	2	20		40
DOL			4	440 - 480	1	2	35		40
DOL				550 - 600	1	2	35		40
DOL			•	110 - 120	3	3	15		40
DOL				220 - 240	3	3	30		40
DOL				440 - 480	3	3	60		40
DOL Towns and in the state of t				550 - 600	3	3	60		40
Temp. rating of wire	7	re reting (00)				second (A) T			
	I emperatu	re rating (°C)			Cı	ırrent (A) Text			
General Use		75							
	age (V) Current (A)	No. of ph	ases	No. of pole	95			No. of contact	ts in series
AC	277 150	No. or pil	1		1			No. or comac	1
AC	600 150		1		2				1
AC	600 150		3		3				1
GENERAL TECHNICA	I INFORMATION								
Size of conductor	AL INFORMATION								
Size of conductor						Cross section	(mm²) or		
composition of conductor		Min. / Max. value		No. of co	nductor per termi	nal (AWG/kcmil)	(111111 ) 01	Material of the wire	
solid wire		Min.			·	1 6mm²		Copper	
flexible wire		Max.				1 70mm <sup>2</sup>		Copper	
flexible wire		Min.				1 16mm²		Copper	
flexible wire		Max.				1 AWG 2/0		Copper	
Single-core or stranded wire		Max.				1 95mm²		Copper	
Single-core or stranded wire		Max.				1 AWG 3/0		Copper	
flexible wire with sleeve	l' + DIN 46000	Max.				1 70mm²		Copper	
flexible wire with ferrule acc	ording to DIN 46228	Min.				1 10mm²		Copper	
Stripping length			Length (n	am)					
			Lengin (n		-				
Recommended screw driver				18	-				
				Value					
Type of screw driver Hex key				5					
Tightening torque of screws	•								
rightening torque or screws	•		tightening torque (N	Vm)				tightening to	raue (lh-in)
				14					125
Approbations				-					
Specification									Marking
									rnr
540									EHC
EAC									LIIL
CE marking									CE
3									
									UK
UK Directives									LH
CSA C.22.2 No.14									<b>⊕</b> ®
CSA C.22.2 NO.14									
									( <b>)</b>
GB/T14048.3									GB/T14048.3
General Information									
Text									
- EMC Note: This device is s	uitable for use in environr	ment A and B.							
- Do not lubricate or treat co	ntacts.								
- Switches may only be mou	nted, connected and set i	nto operation by qualifie	ed persons accordi	ng to the ac	cepted rules of te	echnology.			1
- Use copper wire only. Do no						-			
1			ake care during ins	stallation to	ensure factory fi	tted links are not l	ost by undoing both	sides of linked terminals. A	fter wiring.
all terminal screws must be									



Waste Electrical & Electronic Equipment (WEEE)					
Picture name	Description Description				
Z	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 KG125.T303.VE

1/L1 3/L2 5/L3 2/T1 4/T2 6/T3

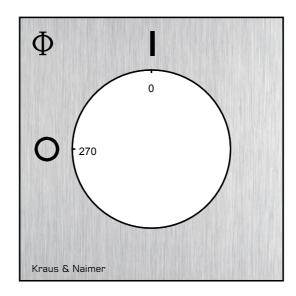


# **Switch program** KG125.T303.VE

<b>A</b> 1/2202 S	N I _	:							
Maimer & Naimer			KG1	25	T303			Page	1 of 1
Face Plate									
1		1/L1 1	3/L2 3	5/L3 5	7	9	11	13	15
0 90	-	\	\						
Switching Angle 90		2	4 4/T2	6	8	10	12	14	16
Total switching Angle 90	270	2/T1	4/12	6/T3					
•									
	+								
	+				-				
1	0								
	Ш								
	90								
	180								
	+								
	+				1				
					1	<u> </u>	<u> </u>		
									sion: 84



# Face plate S1.F456/A10.M1H





#### **PADLOCK DEVICE**

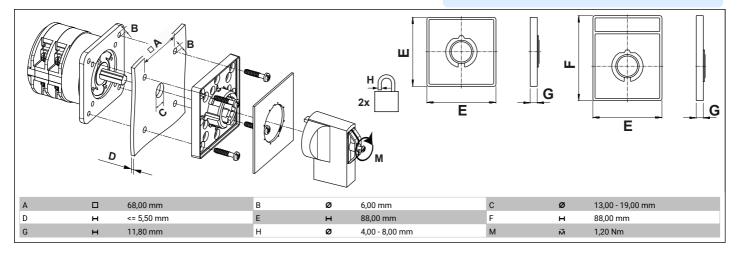
**Designation:** S2.V845/A11/B12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red Locking position: "1" at 270°+90° - knockouts

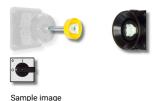
every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "B" for type of mounting VE Type of version: "1" for same switch size Switch type: "2" for KA-, KG- and KH(R)-switches







#### STANDARD DOOR CLUTCH

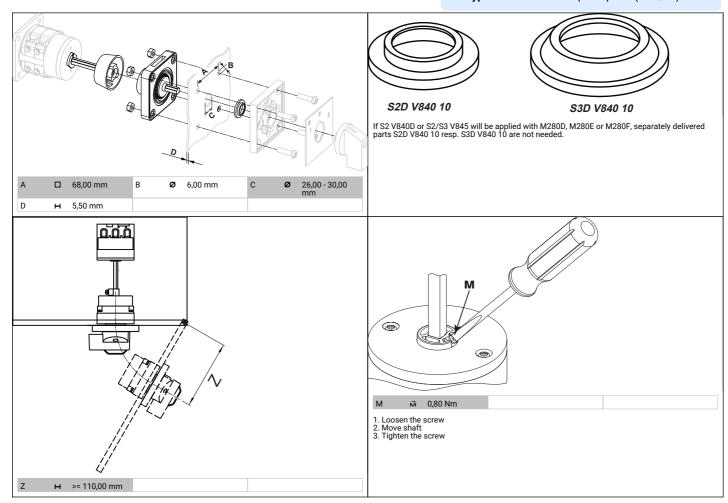
with shaft extension/asymmetric profile (with arresting screw)

**Designation:** S2.M280E/B21S-EF

Type of interlock: "B2" with protected profile and

interlock by door clutch Shaft length: "1" 60 - 90 mm

**Application:** "S" for type of mounting VE **Type of version:** "-EF" splash proof (IP66/67)







Sample image

#### **AUXILIARY CONTACTS**

for KG125-KG317 - ON/OFF Switches

Designation: K3A.M510B/11A-B

Number of NO-contacts: "1" total number of

NO/NC-contacts max. 8 contacts

Number of NC-contacts: "1" total number of

NC/NO-contacts max. 8 contacts **Version:** "A" Standard (silver)

Type of mounting: "-B" for type of mounting VE

	947-3, VDE 0660 To	EII 107					
Rated insulation voltage	JI		1	oltage (V) AC / DC			
			V	690 AC			
Rated uninterrupted curr	ent lu/lth			070 AC			
Current (A)	Ambient temperatur	re (°C)	Peak temperature	(°C) additional requirements	;		
16	,	55	,			ing 24 hours with peaks up to	+60°C
Rated operational curren	t le					3	
Utilization category					Voltag	ne (V)	Current
AC-15						- 120	
AC-15					220	- 240	
AC-15					380	- 440	
AC-15						500	1
AC-21A					20	- 690	
Max. Fuse rating IEC							
Fuse characteristic						No. of Fuses	Current
g <b>G</b>						1	
JL60947-4-1 , UL5	เกล						
Nominal Voltage	00						
tommar voitage			· ·	oltage (V) AC / DC			
			•	600 AC			
Rated insulation voltage	Ili			000 AC			
nateu ilisulation voltage	J1		· ·	oltage (V) AC / DC			
			•	600 AC			
Rated thermal current				000 710			
tatou tiioiiiiai oaiioiit		Current (A)		Ambient te	mperature	e (°C) Additional Text	
		10				0 - 40	
Pilot duty rating code							
Duty Code							
A600							
Temp. rating of wire							
•	Temperat	ture rating (°C)			Currei	nt (A) Text	
		75					
General Use							
AC/DC V	oltage (V) Current (A	() N	lo. of phases	No. of poles			No. of contacts in ser
AC	600 10	0	1	1			
GENERAL TECHNIC	CAL INFORMATION						
	JAL INI OKIMATION						
Size of conductor						Cross section (mm²) or	
		Min. / Max. vai	'ue	No. of conductor per	terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
Size of conductor		Min. / Max. val	lue	No. of conductor per		Cross section (mm²) or (AWG/kcmil) 0.5mm²	Material of the wire Copper
Size of conductor composition of conductor solid wire			lue	No. of conductor per	1	(AWG/kcmil)	
Size of conductor composition of conductor solid wire solid wire		Min.	lue	No. of conductor per	1 2	(AWG/kcmil) 0.5mm²	Copper
Size of conductor composition of conductor solid wire solid wire flexible wire		Min. Min.	lue	No. of conductor per	1 2 1	(AWG/kcmil) 0.5mm² 0.5mm²	Copper Copper
Size of conductor composition of conductor solid wire solid wire dexible wire dexible wire		Min. Min. Min.	lue	No. of conductor per	1 2 1 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm²	Copper Copper Copper
Size of conductor composition of conductor collid wire collid wire lexible wire lexible wire lexible wire lexible wire		Min. Min. Min. Min.	lue	No. of conductor per	1 2 1 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm²	Copper Copper Copper Copper
Size of conductor composition of conductor solid wire solid wire lexible wire lexible wire lexible wire clexible wire		Min. Min. Min. Min. Max.	lue	No. of conductor per	1 2 1 2 2 2	(AWG/kcmil) 0.5mm² 0.75mm² 0.75mm² 2.5mm²	Copper Copper Copper Copper Copper
Size of conductor  composition of conductor  solid wire solid wire rlexible wire lexible wire rlexible wire rlexible wire rlexible wire rlexible wire rlexible wire single-core or stranded w	rire	Min. Min. Min. Min. Max. Max.	lue	No. of conductor per	1 2 1 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.75mm² 0.75mm² 2.5mm² 2.5mm² 4WG 14	Copper Copper Copper Copper Copper Copper
Size of conductor  composition of conductor  solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded w Single-core or stranded w	rire rire	Min. Min. Min. Min. Max. Max. Max.	lue	No. of conductor per	1 2 1 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 2.5mm² 4.5mm² 4.6mm² 4.6mm² 4.6mm² 4.6mm² 4.6mm² 4.6mm² 4.6mm² 4.6mm²	Copper Copper Copper Copper Copper Copper Copper Copper Copper
Size of conductor  composition of conductor  solid wire solid wire clexible wire clexible wire clexible wire clexible wire clexible wire slingle-core or stranded w clexible wire with ferrule a	rire rire according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max.	lue	No. of conductor per	1 2 1 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm²	Copper
size of conductor  composition of conductor  colid wire lexible core or stranded w lexible wire with ferrule a lexible wire with ferrule a	rire rire according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max.	lue	No. of conductor per	1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 AWG 12 2.5mm² 2.5mm² 2.5mm²	Copper
composition of conductor composition of conductor collid wire collid wire collexible wire clexible wire clexible wire clexible wire clexible wire clexible wire clexible wire core or stranded w clexible wire with ferrule a clexible wire with ferrule a clexible wire with ferrule a	rire rire according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	lue	No. of conductor per	1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm² 2.5mm² 2.5mm² 0.5mm²	Copper
Size of conductor	rire rire according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max		No. of conductor per	1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm² 2.5mm² 2.5mm² 0.5mm²	Copper
composition of conductor solid wire solid wire flexible wire with ferrule a flexible wire with ferrule a	rire rire according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max			1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm² 2.5mm² 2.5mm² 0.5mm²	Copper
size of conductor composition of conductor collid wire lexible wire lexible wire lexible wire lexible wire collid wire lexible wire lexible wire lexible wire lexible wire single-core or stranded w lexible wire with ferrule a lexible wire with ferrule a	rire rire according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max		ngth (mm) –	1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm² 2.5mm² 2.5mm² 0.5mm²	Copper
size of conductor  composition of conductor  colid wire  lexible wire  lexible wire  lexible wire  lexible wire  single-core or stranded w  lexible wire with ferrule a  lexible wire with ferrule a	rire rire according to DIN 46228 according to DIN 46228 according to DIN 46228	Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max			1 2 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 2.5mm² 4WG 14 4WG 12 2.5mm² 2.5mm² 2.5mm² 0.5mm²	Copper



Recommended screw driver	
Type of screw driver	Value
Cross Screwdriver	PH1
Tightening torque of screws	
tightening torque (Nn	tightening torque (lb-in)
0,6	0 5
Approbations	
Specification	Marking
	rnr
540	EAC
EAC Company of the co	LIIL
General Information	
Text	
- 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.
- Use copper wire only. Do not coat the wire end with tin.	
13 21	
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14 22	