



Datasheet

Article number: 70009974 Designation: KG20B.T203/17.E Description: Switchgear

Sample image

IEC 60947-3 EN 60947-3, V	/DF 0660 Teil 107					
Rated insulation voltage Ui						
		Voltage (V) AC / DC				
Deted uninterrupted everyont lu/lth		690 AC				
Rated uninterrupted current lu/lth Current (A) Amb	bient temperature (°C) Peak temperat	ure (°C) additional req	uiromonts			
25	50			uring 24 hours w	rith peaks up to +55°C	
Rated operational current le		00 / indicite temp				
Utilization category			Vol	tage (V)		Current (A)
AC-32A				20 - 400		20
Rated operational power						
Utilization category	Voltage (V)	No.	of phases		No. of poles	Power (kW)
AC-3	220 - 240		3		3	4
AC-3	380 - 440		3		3	5,50
AC-3	660 - 690		3		3	5,50
AC-23A	220 - 240		3		3	5,50
AC-23A AC-23A	380 - 440 660 - 690		3		3	7,50
Max. Fuse rating IEC	660 - 690		3		3	7,50
Fuse characteristic		· · · · · · · · · · · · · · · · · · ·		No. of Fu	949	Current (A)
gG				140. 011 4	1	35
UL60947-4-1 , UL508						
Nominal Voltage						
		Voltage (V) AC / DC				
Detection and attended to the second		600 AC				
Rated insulation voltage UI						
Rated Insulation voltage UI		Voltage (V) AC / DC				
Rated insulation voltage Ui		Voltage (V) AC / DC 600 AC				
Rated insulation voltage Ui Rated thermal current		600 AC				
	Current (A)	600 AC		ture (°C) Additio	nal Text	
Rated thermal current	Current (A) 25	600 AC		ture (°C) Additio 0 - 40	nal Text	
Rated thermal current		600 AC			nal Text Power (HP)	Ambient temperature [°C]
Rated thermal current Horsepower rating		600 AC	mbient temperat	0-40		Ambient temperature [*C] 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting		600 AC A Voltage (V)	mbient temperat No. of phases	0 - 40 No. of poles	Power (HP)	
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL DOL DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277	mbient temperat No. of phases 1 1 1	0 - 40 No. of poles 2 2 2 2	Power (HP) 1 3 3	40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL DOL DOL DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415	mbient temperat No. of phases 1 1 1 1	0 - 40 No. of poles 2 2 2 2 2 2	Power (HP) 1 3 3 5	40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480	mbient temperat No. of phases 1 1 1 1 1	0-40 - No. of poles 2 2 2 2 2 2 2 2	Power (HP) 1 3 3 5 5 5	40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	mbient temperat No. of phases 1 1 1 1 1 1 1	0-40 No. of poles 2 2 2 2 2 2 2 2 2 2 2 2	Power (HP) 1 3 3 5 5 5 5	40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	mbient temperat No. of phases 1 1 1 1 1 1 3	0 - 40 No. of poles 2 2 2 2 2 2 2 2 2 3	Power (HP) 1 3 3 5 5 5 5 2	40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 1110 - 120 200 - 240	mbient temperat No. of phases 1 1 1 1 1 1 3 3 3	0-40 - No. of poles 2 2 2 2 2 2 2 3 3	Power (HP) 1 3 5 5 5 5 2 7,50	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10	40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10 15	40 40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10	40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10 15	40 40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10 15	40 40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL		600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	mbient temperat	0-40 No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3	Power (HP) 1 3 5 5 5 2 7,50 10 15	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL SCOR / Max. fuse rating Conditions of acceptability	25	600 AC A Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	mbient temperat No. of phases 1 1 1 1 1 3 3 3 3 3 3 3	0-40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3	Power (HP) 1 3 3 5 5 2 7,50 10 15 20	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL COL COL COL COL COL DOL DOL DOL DOL COL COL	25 cuits capable of delivering not more than 10kA rm	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat No. of phases 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40 40 4
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL	25	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat No. of phases 1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL	25 25 cuits capable of delivering not more than 10kA rm. of delivering not more than 55000 rms symmetric	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat	0 - 40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL COL COL COL COL COL DOL DOL DOL DOL COL COL	25 cuits capable of delivering not more than 10kA rm of delivering not more than 65000 rms symmetric Temperature rating (°C)	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat	0-40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL	25 25 cuits capable of delivering not more than 10kA rm. of delivering not more than 55000 rms symmetric	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat	0 - 40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40
Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL	25 cuits capable of delivering not more than 10kA rm of delivering not more than 65000 rms symmetric Temperature rating (°C)	600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 550 - 600	mbient temperat	0-40 - No. of poles 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	Power (HP) 1 3 5 5 2 7,50 10 15 20 by Type RK1 fuses.	40 40 40 40 40 40 40 40 40 40 40 40 40



General Use									
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles				No. of contacts in	series
AC	600	25	1	2					1
AC	600	25	3	3					1
General Information Text									
	le and position inc	dicating means to be u	used with these manual mot	or controllers should be pr	ovided from the	manufacture	r or the operating	handle and position indicating	means
			nation with the manual mote			manaraotare	i, or the operating	, nanalo ana poonion maloating	linealite
- When intended for u	use as a motor dis	connector the device	shall be provided with a met	thod of being locked in the	OFF-position.				
CSA									
Nominal Voltage									
				Voltage (V) AC / DC					
Dated inculation value	ana ll'			600 AC					
Rated insulation volta	age UI			Voltage (V) AC / DC					
				600 AC					
Rated thermal curren	nt								
		Curre		Ambien	t temperature ('		l Text		
Horsepower rating			25		0 -	40			
Across-the-Line Motor	or Starting			Voltage (V) No. o	f phases No.	of poles	Power (HP)	Ambient temperat	ure [°C]
DOL				110 - 120	1	2	1		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 5		40
DOL				550 - 600 110 - 120	3	2	5		40 40
DOL				220 - 240	3	3	7,50		40
DOL				415 - 415	3	3	10		40
DOL				440 - 480	3	3	15		40
DOL				550 - 600	3	3	20		40
Pilot duty rating code	e								
Duty Code A600									
Temp. rating of wire									
remp. rading of wire		Temperature ratin	g (°C)		Current (A) Text			
		·	75		(
General Use									
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles				No. of contacts in	
AC	277	25	1	1					1
AC AC	600 600	25 25	1	2					1
			5	5					
GENERAL TECH	INICAL INFO	RMATION							
Size of conductor					Cr	oss section (r	nm²) or		
composition of condu	uctor	Min. ,	' Max. value	No. of conductor	per terminal (A	WG/kcmil)	1111) 01	Material of the wire	
Flexible wire		Max.			1 AV	VG 10		Copper	
Flexible wire		Max.			1 4r			Copper	
Single-core or strande		Max.			1 6r			Copper	
Single-core or strande Flexible wire with slee		Max. Max.			1 AV 1 4r	VG 10		Copper	
Stripping length	eve	Ivida.			1_41			Copper	
ou ipping iongui			Le	ength (mm)					
				9 L					
Recommended screw									
Recommended screw	w ariver			14.1					
Type of screw driver	w ariver			Value					
<i>Type of screw driver</i> Cross Screwdriver				PH2					
Type of screw driver Cross Screwdriver Slot screwdriver acco	ording to DIN 5264	4							
<i>Type of screw driver</i> Cross Screwdriver	ording to DIN 5264	4	tightoning t	PH2 0,8x4				tinhtoning torgu	(lhrin)
Type of screw driver Cross Screwdriver Slot screwdriver acco	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				tightening torque	
Type of screw driver Cross Screwdriver Slot screwdriver acco	ording to DIN 5264	4	tightening t	PH2 0,8x4				tightening torque	e (Ib-in) 11
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)					
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)					11 Iarking
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)					11 Iarking
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				٨	11 Narking
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				٨	11 Narking
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				٨	11 Iarking
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				٨	11 Aarking EAL C E
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC CE marking	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				٨	11 Aarking EAL C E
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC	ording to DIN 5264	4	tightening t	PH2 0,8x4 orque (Nm)				Λ	
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC CE marking UK Directives	ording to DIN 5264 screws		tightening t	PH2 0,8x4 orque (Nm)				Λ	
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC CE marking	ording to DIN 5264 screws		tightening t	PH2 0,8x4 orque (Nm)				Λ	11 Aarking EAL C E
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC CE marking UK Directives	ording to DIN 5264 screws		tightening t	PH2 0,8x4 orque (Nm)				Λ	
Type of screw driver Cross Screwdriver Slot screwdriver acco Tightening torque of Approbations Specification EAC CE marking UK Directives	ording to DIN 5264 screws		tightening t	PH2 0,8x4 orque (Nm)				Λ	

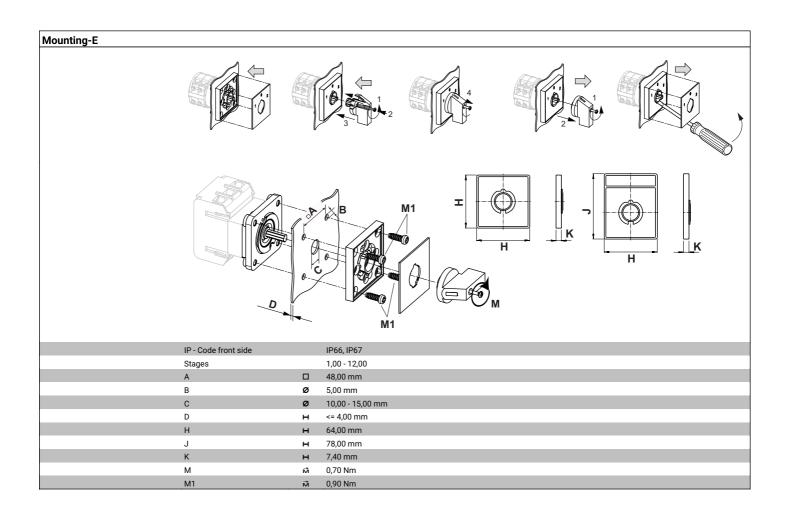


Approbations	
Specification	Marking
GB/T14048.3	
General Information	
Text	
- Use only copper	wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- EMC Note: This c	device is suitable for use in environment A and B.
- Terminals with f	factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire properly seated.
- After wiring, ALL	terminal screws must be tightened to the specified torque values.
- The protection cl	lass of the selected mounting type may vary if optional extras are used.
- Do not lubricate of	or treat contacts.
- Switches may on	nly be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
Waste Electrical &	& Electronic Equipment (WEEE)
Picture name	Description
X	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
\wedge	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.
<u></u>	www.ruswannings.ca.guv.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

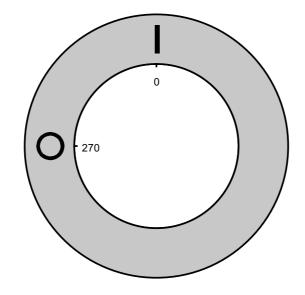




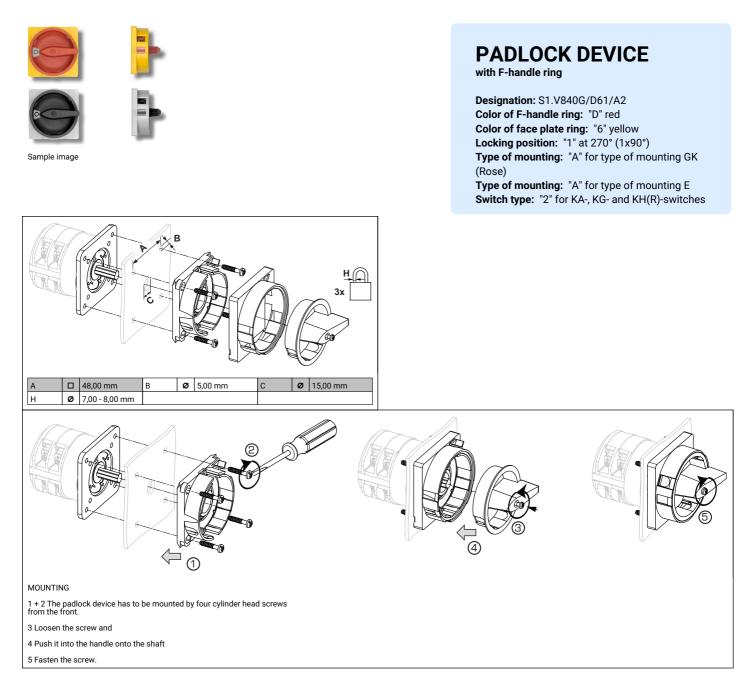
	Wiring diagram KG20B.T303.E
L1 L2 L3	
T1 T2 T3	



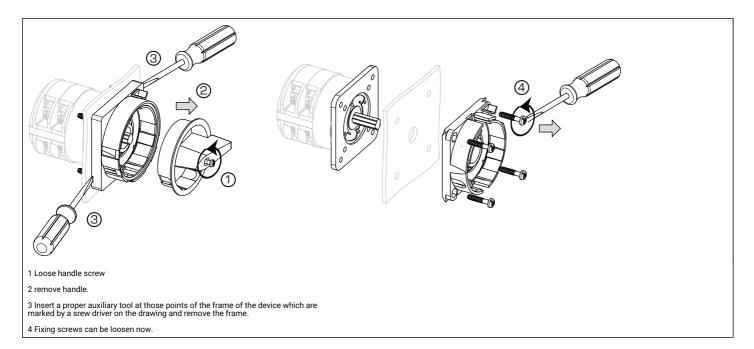












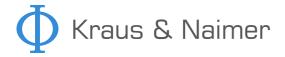


AUXILIARY CONTACTS

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

Designation: K0.M510A/1AA-A Number of contacts: "1" 1 auxiliary contact **Operation of contacts:** "A" auxiliary contact(s) closed in pos. 1 (NO) **Type of version:** "A" 1. auxiliary contact module Type of mounting: "-A" for type of mounting E, silver contacts

Nominal Voltage				
		Voltage (V) AC / DC		
		440 AC		
Rated uninterrupted current lu/Ith				
Current (A) Ambient temperatur		ak temperature (°C) additional requirements		
10	55	60 Ambient temperature +55°C dur	ing 24 hours with peaks up t	to +60°C
Rated operational current le			<i>4</i> 3	
Jtilization category		Volta		Current (/
AC-15			- 240	2,5
AC-15		380	- 440	1,5
AC-21A			440	1
UL60947-4-1 , UL508				
Nominal Voltage				
		Voltage (V) AC / DC		
		300 AC / DC		
Rated insulation voltage Ui				
		Voltage (V) AC / DC		
Detectation of comment		300 AC		
Rated thermal current	Current (A)	A m biant to manage to	a (°C) Additional Taut	
	Current (A) 10		e (°C) Additional Text 0 - 40	
Pilot duty rating code	10		0-40	
Duty Code				
A300				
GENERAL TECHNICAL INFORMATION				
Size of conductor			0	
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
Solid wire	Min.		0.5mm ²	Copper
Solid wire	Min.	2	0.5mm ²	Copper
	Min.	1	0.75mm ²	Copper
Flexible wire				
Flexible wire Flexible wire	Min.		0.75mm ²	Copper
Flexible wire		2	0.75mm ² AWG 16	Copper Copper
	Min.	2 2		
Flexible wire Flexible wire	Min. Max.	2 2 2 2	AWG 16	Copper Copper
Flexible wire Flexible wire Flexible wire	Min. Max. Max.	2 2 2 2 2 2	AWG 16 1.5mm²	Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire	Min. Max. Max. Max.	2 2 2 2 2 2 2 2 2	AWG 16 1.5mm² AWG 14	Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire	Min. Max. Max. Max. Max.	2 2 2 2 2 2 2 1	AWG 16 1.5mm² AWG 14 1.5mm²	Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228	Min. Max. Max. Max. Max. Min.	2 2 2 2 2 2 1 1 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 1 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 1 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Stripping length	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Stripping length	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Single-core or stranded wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 46228 Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Flexible wire Flexible wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wire with ferrule according to DIN 4628 Flexible wire wire with ferrule according to DIN 4628 Flexible wire wire wire wire wire wire wire wir	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper Copper
Flexible wire Flexible wire Flexible wire Flexible wire Single-core or stranded wire Flexible wire with ferrule according to DIN 46228 Flexible wi	Min. Max. Max. Max. Max. Min. Max.	2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	AWG 16 1.5mm ² AWG 14 1.5mm ² 0.5mm ²	Copper Copper Copper Copper Copper Copper Copper tightening torque (lb-i
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General Information Text

- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.

- After wiring, ALL terminal screws must be tightened to the specified torque values.

- 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.

Classification Terminal: Screw terminal