



## Datasheet

Article number: 70026478 Designation: KG20.T104/D-A021.KL51V Description: Switchgear

Sample image

Rated insulation v		DE 0660 Teil 107						
				Voltage (V) AC / DC	:			
				690 AC				
Rated uninterrupt Current (A)		ent temperature (°C)	Poak tomporatu	re (°C) additional req	wiromonte			
25	AIIIDIE	50	reak temperatu			uring 24 hours v	vith peaks up to +55°C	
Rated operational	current le							
Utilization categor					Vol	tage (V)		Current (
AC-32A	-				:	20 - 400		
Rated operational								
Utilization categor	у		Voltage (V)	No	o of phases		No. of poles	Power (kV
AC-3			220 - 240		3		3	5.
AC-3 AC-3			380 - 440 660 - 690		3		3	5,5 5,5
AC-3 AC-23A			220 - 240		3		3	5,5
AC-23A			380 - 440		3		3	7,5
AC-23A			660 - 690		3		3	7,5
Max Fuse Rating	EC				· · ·		· · · ·	
Fuse characteristi	C					No. of Fu	ises	Current (
gG							1	
UL60947-4-1	UI 508							
Nominal Voltage	,02000							
				Voltage (V) AC / DC	:			
				600 AC				
Rated insulation v	oltage Ui							
				Voltage (V) AC / DC	:			
				600 AC				
Rated thermal cur	rent							
		Current	.,	Д	Ambient temperat		nal Text	
	-		25			0 - 40		
Horsepower ratin Across-the-Line M				Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°
DOL	olor starting			110 - 120	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No. 01 poles	1	
DOL				220 - 240	1	2	3	2
DOL				277 - 277	1	2	3	4
DOL				415 - 415	1	2	5	4
DOL				440 - 480	1	2	5	4
DOL				550 - 600	1	2	5	4
DOL				110 - 120	3	3	2	4
DOL				200 - 240	3	3	7,50	4
DOL				415 - 415	3	3	10	4
DOL				440 - 480	3	3	15	2
DOL				550 - 600	3	3	20	2
Pilot duty rating c	ode							
Duty Code A600								
SCCR / Max. fuse	rating							
Conditions of acce								
		its capable of delivering	not more than 10kA rms	symmetrical ampere	s. 600V ac max.	when protected	by Type RK1 fuses.	
			n 65000 rms symmetrical					
Temp. rating of w			,		· · ·			
		Temperature rating (	(°C)		Cu	rrent (A) Text		
		60 -	75					
General Use	-							
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles				No. of contacts in serie
AC	277	25	1	1				
	600	25	1	2				
AC								
AC AC <b>General Informati</b>	600	25	3	3				

to be used should have been previously evaluated in combination with the manual motor controllers.



General Information						
Text						
- When intended for use as a motor discor	nnector the device shall be prov	vided with a method of being lock	ed in the OFF-posit	ion.		
CSA						
Nominal Voltage						
		Voltage (V) AC /	DC			
Deted in culation valte no Lli		600 AC				
Rated insulation voltage Ui		Voltage (V) AC /	DC			
		600 AC	20			
Rated thermal current						
	Current (A)		Ambient tempera		nal Text	
Horoopower reting	25			0-40		
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	40
DOL		220 - 240	1	2	3	40
DOL		277 - 277	1	2	3	40
DOL		415 - 415	1	2	5	40
DOL		440 - 480 550 - 600	1	2	5 5	40 40
DOL		110 - 120	3	3	2	40
DOL		220 - 240	3	3	7,50	40
DOL		415 - 415	3	3	10	40
DOL		440 - 480	3	3	15	40
DOL		550 - 600	3	3	20	40
Pilot duty rating code Duty Code						
A600						
Temp. rating of wire						
	Temperature rating (°C)		Cu	rrent (A) Text		
	75					
General Use	0	-f-h				
		of phases No. of pol				No. of contacts in series
AC 277 AC 600	25 25	1	1			1
AC 600	25	3	3			1
GENERAL TECHNICAL INFORM		-	-			
Size of conductor						
				Cross sectior	n (mm²) or	
composition of conductor	Min. / Max. value	No. of co	onductor per termin			Material of the wire
solid wire solid wire	Min. Min.			1 0.75mm <sup>2</sup> 2 0.5mm <sup>2</sup>		Copper
flexible wire	Min.			2 0.5mm <sup>2</sup> 2 0.75mm <sup>2</sup>		Copper Copper
flexible wire	Max.			1 AWG 10		Copper
flexible wire	Max.			1 4mm <sup>2</sup>		Copper
flexible wire	Min.			1 1.5mm <sup>2</sup>		Copper
Single-core or stranded wire	Max.			1 6mm <sup>2</sup>		Copper
Single-core or stranded wire	Max.			1 AWG 10		Copper
flexible wire with sleeve						0
flowible wire with formule according to DIN	Max.			1 4mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN flexible wire with ferrule according to DIN	46228 Min.			1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN flexible wire with ferrule according to DIN Stripping length	46228 Min.					
flexible wire with ferrule according to DIN	46228 Min.	Length (mm)		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN	46228 Min.	Length (mm)		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN	46228 Min.	Length (mm)	=	1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length Recommended screw driver	46228 Min.	9		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length Recommended screw driver Type of screw driver	46228 Min.	9		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	46228 Min.	9 Value PH2		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264	46228 Min.	9		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	46228 Min.	9 Value PH2		1 0.75mm <sup>2</sup>		Copper Copper
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264	46228 Min.	9 Value PH2 0,8x4		1 0.75mm <sup>2</sup>		Copper
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in)
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking EAI CE
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking ERI C E
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC CE marking	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking Effective CCC LK
flexible wire with ferrule according to DIN Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws Approbations Specification EAC CE marking UK Directives	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking Effi CCC LK
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC CE marking	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking Effi C C LK S
flexible wire with ferrule according to DIN Stripping length  Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws  Approbations Specification EAC CE marking UK Directives	46228 Min.	9 Value PH2 0,8x4 tightening torque (Nm)		1 0.75mm <sup>2</sup>		Copper Copper tightening torque (lb-in) 11 Marking EAL CE



## General Information Text

- EMC Note: This device is suitable for use in environment A and B.

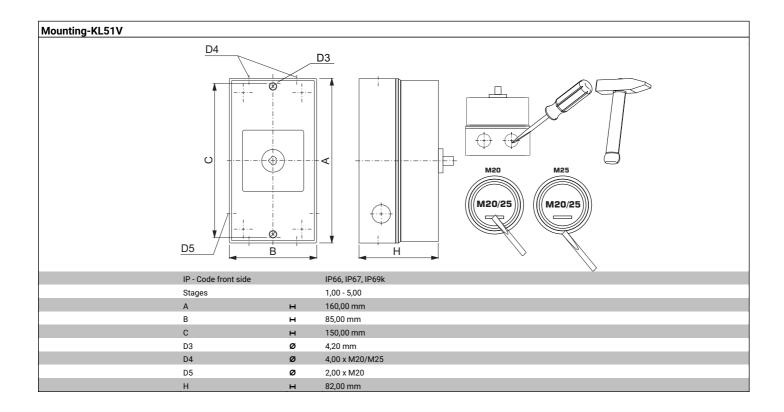
- Do not lubricate or treat contacts.

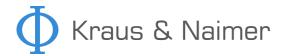
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.

- Use copper wire only. Do not coat the wire end with tin.

fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, st be tightened to recommended torque specifications.
ronic Equipment (WEEE)
cription
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; rn to the supplier for disposal, or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com
cription
RNING: 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 w.P65Warnings.ca.gov.

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

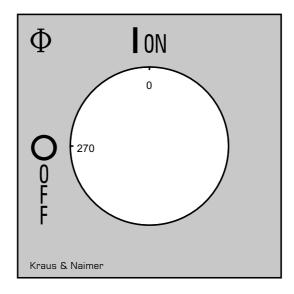




	Wiring diagram KG20.T304.KL51V
L1 L2 L3 N	
$\begin{pmatrix} & & & \\ & & & \end{pmatrix} $	
T1 T2 T3 N	



Face plate





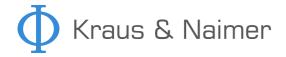
## **AUXILIARY CONTACTS**

(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

Nominal Voltago	eil 107		
Nominal Voltage		Voltage (V) AC / DC	
		500 AC	
		690 AC	
Rated uninterrupted current lu/lth			
Current (A) Ambient temperatu	ure (°C) Peak temperatu	ure (°C) additional requirements	
10	55	60 Ambient temperature +55°C during 24 hours with peaks up to -	+60°C
16	55	60 Ambient temperature +55°C during 24 hours with peaks up to -	
Rated operational current le		· · · · · · · · · · · · · · · · · · ·	
Jtilization category		Voltage (V)	Current
AC-15		110 - 240	2,
AC-15		380 - 440	1,
AC-15		500	
AC-21A		500	
JL60947-4-1 , UL508			
Iominal Voltage			
		Voltage (V) AC / DC	
		600 AC	
Rated insulation voltage Ui			
		Voltage (V) AC / DC	
		600 AC	
Rated thermal current			
	Current (A)	Ambient temperature (°C) Additional Text	
N1 - I	10	0 - 40	
Pilot duty rating code			
Duty Code A600			
General Use			
AC / DC Voltage (V) Current (/	A) No. of phases	No. of poles	No. of contacts in serie
	n) no. or phases		
AC 600 1	10 1	. 1	
	10 1	1	
GENERAL TECHNICAL INFORMATION	•	1	
GENERAL TECHNICAL INFORMATION	•		
GENERAL TECHNICAL INFORMATION Size of conductor	1	Cross section (mm²) or	
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor	Min. / Max. value	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil)	Material of the wire
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire	Min. / Max. value Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm²	Material of the wire Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire	Min. / Max. value	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm²	Material of the wire Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire lexible wire	Min. / Max. value Min. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm²	<i>Material of the wire</i> Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire lexible wire lexible wire	Min. / Max. value Min. Min. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm²	<i>Material of the wire</i> Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire	Min. / Max. value Min. Min. Min. Min. Max.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16	<i>Material of the wire</i> Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire lexible wire lexible wire lexible wire lexible wire lexible wire	Min. / Max. value Min. Min. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm²	<i>Material of the wire</i> Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor somposition of conductor solid wire lexible wire lexible wire lexible wire lexible wire lexible wire single-core or stranded wire	Min. / Max. value Min. Min. Min. Min. Max. Max.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm²	<i>Material of the wire</i> Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire lexible wire lexible wire lexible wire single-core or stranded wire single-core or stranded wire	Min. / Max. value Min. Min. Min. Min. Max. Max. Max. Max.	Cross section (mm²) or (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor somposition of conductor solid wire lexible wire lexible wire lexible wire lexible wire Single-core or stranded wire lexible wire exible wire or stranded wire lexible wire or stranded wire	Min. / Max. value Min. Min. Min. Min. Max. Max. Max. Max. Max.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire lexible wire lexible wire lexible wire lexible wire Single-core or stranded wire Eaxible wire with ferrule according to DIN 46228 flexible wire with ferrule according to DIN 46228	Min. / Max. value Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max.	Cross section (mm²) or (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 2 1mm²	<i>Material of the wire</i> Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire 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. value Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	Cross section (mm²) or           No. of conductor per terminal         (AWG/kcmil)           1         0.5mm²           2         0.5mm²           1         0.75mm²           2         0.75mm²           2         AWG 16           2         1.5mm²           2         AWG 14           2         1.5mm²           2         1.5mm²           2         1.5mm²           1         0.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
	Min. / Max. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or           No. of conductor per terminal         (AWG/kcmil)           1         0.5mm²           2         0.5mm²           1         0.75mm²           2         0.75mm²           2         AWG 16           2         1.5mm²           2         AWG 14           2         1.5mm²           2         1.5mm²           2         1.5mm²           1         0.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire 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. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 1 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 3 0.5mm² 4 0.5mm	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire solid wire 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. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 1 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 2 0.5mm² 3 0.5mm² 4 0.5mm	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire with ferrule according to DIN 46228 lexible wire with ferrule according to DIN 46228	Min. / Max. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 1 0.5mm² 2 1mm² 1 0.5mm² 2 0.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor solid wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire single-core or stranded wire lexible wire with ferrule according to DIN 46228 lexible mire with ferrule according to DIN 46228 lexible mire with ferrule according to DIN 46228	Min. / Max. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 1 0.5mm² 2 1mm² 1 0.5mm² 2 0.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor scomposition of conductor solid wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire lexible wire exit for ule according to DIN 46228 lexible wire with ferrule according to DIN 4628 lexible wire with ferrule according	Min. / Max. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmi)) 1 0.5mm² 2 0.5mm² 1 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 2 1 mm² 2 1 mm² 2 0.5mm² 2 0.5mm² 2 0.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
GENERAL TECHNICAL INFORMATION Size of conductor somposition of conductor solid wire lexible wire lexible wire lexible wire lexible wire Single-core or stranded wire lexible wire or stranded wire lexible wire with ferrule according to DIN 46228 lexible wire with ferrule according to DIN 46228 stripping length	Min. / Max. value Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Min. Min.	Cross section (mm²) or No. of conductor per terminal (AWG/kcmil) 1 0.5mm² 2 0.5mm² 2 0.75mm² 2 0.75mm² 2 AWG 16 2 1.5mm² 2 AWG 14 2 1.5mm² 2 1mm² 1 0.5mm² 2 1mm² 1 0.5mm² 2	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper Copper
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## 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.