



Sample image

Datasheet

Article number: 70022094

Designation: KG100.T103/D-A068.KL71V

Description: Switch

IEC 60947-3 EN 60	947-3, VDE 0660 Teil 10	7					
Rated insulation voltage l							
			Voltage (V) AC / D	C			
			690 AC				
Rated uninterrupted curre							
Current (A)	Ambient temperature (°C)	Peak temperat	ure (°C) additional r				
100	50		55 Ambient ter	mperature +50°C	during 24 hours v	vith peaks up to +55°C	
Rated operational current	t le						
Utilization category					Itage (V)		Current (A)
AC-32A					20 - 400		100
Rated operational power							
Utilization category		Voltage (V)	٨	lo. of phases		No. of poles	Power (kW)
AC-3		220 - 240		3		3	18,50
AC-3		380 - 440		3		3	30
AC-3		660 - 690		3		3	22
AC-23A		220 - 240		3		3	22
AC-23A		380 - 440		3		3	37
AC-23A		660 - 690		3		3	30
Max Fuse Rating IEC							
Fuse characteristic					No. of Fu		Current (A)
gG						1	100
UL60947-4-1 . UL5	608						
Nominal Voltage							
Tronina Voltage			Voltage (V) AC / L	OC.			
			600 AC	.0			
Rated insulation voltage l	Ui		000 710				
			Voltage (V) AC / L	OC .			
			600 AC	-			
Rated thermal current							
	Curr	ent (A)		Ambient tempera	ture (°C) Additio	nal Text	
		100		•	0-40		
Horsepower rating							
Across-the-Line Motor Sta	arting		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL			110 - 120	1	2	5	40
DOL			220 - 240	1	2	15	40
DOL DOL				1	2 2	15 15	40
			220 - 240	•			
DOL			220 - 240 277 - 277	1	2	15	40
DOL DOL			220 - 240 277 - 277 415 - 415	1	2 2	15 25	40 40
DOL DOL DOL			220 - 240 277 - 277 415 - 415 440 - 480	1 1 1	2 2 2	15 25 30	40 40 40
DOL DOL DOL DOL			220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	1 1 1 1	2 2 2 2	15 25 30 30	40 40 40 40
DOL DOL DOL DOL			220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	1 1 1 1 1 3	2 2 2 2 2 3	15 25 30 30 10	40 40 40 40 40
DOL DOL DOL DOL			220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240	1 1 1 1 1 3	2 2 2 2 3 3	15 25 30 30 10 25	40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL			220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415	1 1 1 1 1 3 3 3	2 2 2 2 3 3 3	15 25 30 30 10 25 40	40 40 40 40 40 40
DOL			220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	1 1 1 1 1 3 3 3 3	2 2 2 2 3 3 3 3	15 25 30 30 10 25 40 50	40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating	Y		220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	1 1 1 1 1 3 3 3 3	2 2 2 2 3 3 3 3	15 25 30 30 10 25 40 50	40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL Cock / Max. fuse rating Conditions of acceptability These devices are suitable	e for use on circuits capable of de	elivering not more than 10k/	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3	15 25 30 30 10 25 40 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitabli SFHA36AT0250, manufac	le for use on circuits capable of de ctured by General Electric.		220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitable SFHA36ATO250, manufac Suitable for use on a circu	e for use on circuits capable of de		220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitabl SFHA36AT0250, manufac	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetric	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitable SFHA36ATO250, manufac Suitable for use on a circu	le for use on circuits capable of de ctured by General Electric.	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitabl SFHA36AT0250, manufac Suitable for use on a circu Temp. rating of wire	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetric	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitable SFHA36ATO250, manufac Suitable for use on a circu	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitabl SFHA36AT0250, manufac Suitable for use on a circu Temp. rating of wire	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitable SFHA36AT0250, manufac Suitable for use on a circu Temp. rating of wire Connecting instructions	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rating Conditions of acceptability These devices are suitable SFHA36AT0250, manufac Suitable for use on a circu Temp. rating of wire Connecting instructions Markings	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more	than 65000 rms symmetrication (°C)	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 4 mperes, 600V ac I	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40
DOL	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more Temperature rati	than 65000 rms symmetric ng (°C) 75	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 A rms symmetrical a	1 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 4 mperes, 600V ac I	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 or Circuit Breaker Type
DOL	e for use on circuits capable of de ctured by General Electric. uit capable of delivering not more Temperature ratio	than 65000 rms symmetric: ng (°C) 75 No. of phases	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 A rms symmetrical a	mperes, 600V ac i	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 60 40 60 60 60 60 60 60 60 60 60 60 60 60 60
DOL	e for use on circuits capable of detured by General Electric. uit capable of delivering not more Temperature ration oltage (V) Current (A) 277 100	than 65000 rms symmetric: ng (°C) 75 No. of phases 1	220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 A rms symmetrical a	mperes, 600V ac I	2 2 2 2 3 3 3 3 3 3	15 25 30 30 10 25 40 50 50	A0 40 40 40 40 40 40 40 40 40 40 The property of the property



General Inform	nation								
Text									
- The operating	g handle and position in	ndicating means	to be used with these manua	al motor controllers sho	uld be provided fro	m the manufacti	urer, or the operatin	g handle and position indicatin	g means
to be used sh	ould have been previou	ısly evaluated in	combination with the manua	l motor controllers.					
- When intende	ed for use as a motor di	isconnector the	device shall be provided with	a method of being lock	ed in the OFF-posit	ion.			
CSA									
Nominal Voltage	ae								
	-			Voltage (V) AC / I	DC				
				600 AC					
Rated insulation	on voltage Ui								
				Voltage (V) AC /	DC				
				600 AC					
Rated thermal	current		0		A	+ (9O) A - - :4:-			
			Current (A) 100		Ambient tempera	ture (°C) Additio 0 - 40	nai i ext		
Horsepower ra	ating		100			0 - 40			
	e Motor Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient tempera	ature [°C]
DOL	g			110 - 120	1	2	5		40
DOL				220 - 240	1	2	15		40
DOL				277 - 277	1	2	15		40
DOL				415 - 415	1	2	25		40
DOL				440 - 480	1	2	30		40
DOL				550 - 600	1	2	30		40
DOL				110 - 120	3	3	10 25		40
DOL				220 - 240 415 - 415	3	3	40		40 40
DOL				440 - 480	3	3	50		40
DOL				550 - 600	3	3	50		40
Temp. rating o	of wire			222 200					
		Temperatur	re rating (°C)		Cu	rrent (A) Text			
			75						
General Use									
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of pol				No. of contacts	
AC	277	100	1		1				1
AC	600 600	100 100	1		2				1
AC	-		3		3				1
	TECHNICAL INFO	RMATION							
Tightening tore	que of screws								
			tignte	ning torque (Nm)				tightening torq	
Stripping longt	+h		tignte.	ning torque (Nm) 3				tightening torq	jue (Ib-in) 27
Stripping lengt	th		tighte	3				tightening torq	
Stripping lengt	th		tignte	3 Length (mm)	PPINGLENGTH			tightening torq	
Stripping lengt			tignte	3 Length (mm)	PPINGLENGTH			tightening torq	
Size of conduc	ctor			Length (mm) 14 STRIF		Cross section	n (mm²) or		
Size of conduction of	ctor		Min. / Max. value	Length (mm) 14 STRIF	PPINGLENGTH onductor per termin	nal (AWG/kcmil)	n (mm²) or	Material of the wire	
Size of conduction composition of solid wire	ctor		Min. / Max. value Min.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm²	n (mm²) or	Material of the wire Copper	
Size of conduction of solid wire flexible wire	ctor		Min. / Max. value Min. Min.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm²	n (mm²) or	Material of the wire Copper Copper	
Size of conduction of solid wire flexible wire flexible wire	ctor		Min. / Max. value Min. Min. Max.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper	
Size of conduction composition of solid wire flexible wire flexible wire flexible wire flexible wire	ctor f conductor		Min. / Max. value Min. Min. Max. Max.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper	
Size of conduction of solid wire flexible wire flexible wire	ctor f conductor stranded wire		Min. / Max. value Min. Min. Max.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper	
size of conduction composition of solid wire flexible wire flexible wire flexible wire single-core or single-co	ctor f conductor stranded wire stranded wire		Min. / Max. value Min. Min. Max. Max. Max.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper	
Size of conduction of solid wire flexible wire flexible wire flexible wire Single-core or single-core or flexible wire wire wire wire wire wire wire wir	ctor f conductor stranded wire stranded wire	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max.	Length (mm) 14 STRIF		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper	
Size of conduction of solid wire flexible wire flexible wire single-core or single-core or single-core or single-core wire wire single-core or single-core o	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	27
Size of conduction of solid wire flexible wire flexible wire flexible wire Single-core or single-core or flexible wire wire wire wire wire wire wire wir	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	
Size of conduction of solid wire flexible wire flexible wire single-core or single-core or single-core or single-core wire wire single-core or single-core o	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	27 Marking
Size of conduction of solid wire flexible wire flexible wire Single-core or Single-core or Single-core or Single-core or Specification Specification	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	27 Marking
Size of conduction of solid wire flexible wire flexible wire single-core or single-core or single-core or single-core wire wire single-core or single-core o	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking
Size of conduction of solid wire flexible wire wiflexible wire wire wire wire wire wire wire wir	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EAL
Size of conduction of solid wire flexible wire flexible wire Single-core or Single-core or Single-core or Single-core or Specification Specification	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	27 Marking
Size of conduction of solid wire flexible wire wiflexible wire wire wire wire wire wire wire wir	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EAL
Size of conduction of solid wire flexible wire wire with the flexible wire with the flexible	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EAL
Size of conduction of solid wire flexible wire flexible wire flexible wire single-core or single-core or flexible wire wire flexible wire wiflexible wire with wiflexible wire with wire wire with wire wire with wire wire wire wire wire wire wire wire	stranded wire stranded wire ith sleeve	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EM UKA
Size of conduction of solid wire flexible wire flexible wire flexible wire single-core or single	stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EM UKA
Size of conduction of solid wire flexible wire wire with the flexible wire with the flexible	stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking EAL
Size of conduction of solid wire flexible wire flexible wire flexible wire single-core or single	stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking LH UKA W®
Size of conduction of solid wire flexible wire flexible wire flexible wire flexible wire single-core or single-	stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking
Size of conduction of solid wire flexible wire flexible wire flexible wire single-core or single	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF		aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking LH UKA W®
Size of conduction of solid wire flexible wire flexible wire flexible wire flexible wire flexible wire single-core or single-c	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to	DIN 46228	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 14 STRIF	onductor per termin	aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking LH C UKA ® ((())
Size of conduct composition of solid wire flexible wire flexible wire flexible wire Single-core or single-core	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to		Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Value PH2	onductor per termir	aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking LH C UKA ® ((())
Size of conductory composition of solid wire flexible wire flexible wire flexible wire flexible wire flexible wire of single-core or single-core or flexible wire wiflexible wiflexible wire wire wire wire wire wire wire wir	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to 2.14 d screw driver driver river er according to DIN 526		Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	3 Length (mm) 14 STRII No. of co	onductor per termir	aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	o (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking
Size of conduction of solid wire flexible wire wind flexible wire flexible wire wind flexible wire wind flexible wire flexible wire flexible wire wire wire wire wire flexible wire wire flexible wire wire wire wire wire wire wire wir	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to 2.14 d screw driver driver river er according to DIN 526		Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Value PH2	onductor per termir	aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking
Size of conduction of solid wire flexible wire wind flexible wire flexible wire flexible wire wire flexible wire	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to 2.14 d screw driver driver river er according to DIN 526 nation		Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Value PH2	onductor per termir	aal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking
Size of conduct composition of solid wire flexible wire flexible wire flexible wire Single-core or Single-core	stranded wire stranded wire stranded wire ith sleeve ith ferrule according to 0.14 d screw driver driver river er according to DIN 526 nation ate or treat contacts.	54	Min. / Max. value Min. Min. Max. Max. Max. Max. Max. Max.	Value PH2 1,2x6	onductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 50mm² 1 35mm² 1 2.5mm²	n (mm²) or	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper	Marking



General Information

Text

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

- Terminals with factory 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, all terminal screws must be tightened to recommended torque specifications.

Waste Electrical & Electronic Equipment (WEEE)

Picture name

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

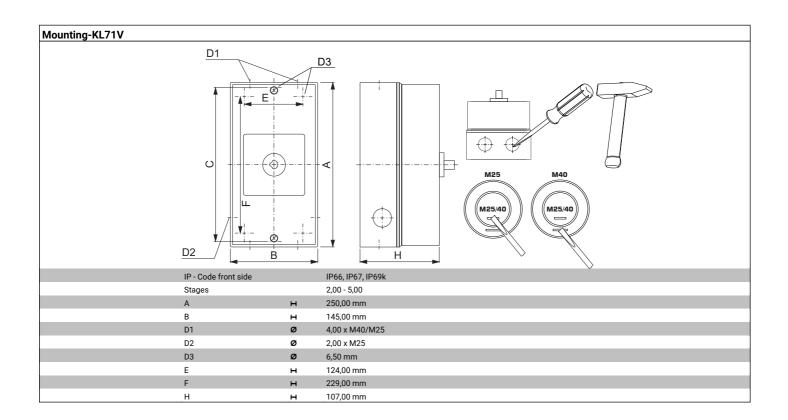
Description

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 KG100.T303.KL71V

L1 L2 L3
T1 T2 T3

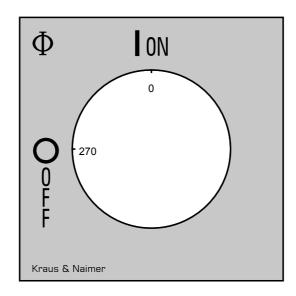


Switch program KG100.T303.KL71V

Vai	L1 1	KG1	00 L3 5	T303	9	11		1 of 1
	1	3		7	9	11		
-	1	3		7	9	11		ļ
	\1	, I					13	15
	1	\	\					
	2 T1	4 T2	6 T3	8	10	12	14	16
270			10					
0								
90				<u> </u>				
180				+				
		0	T1 T2 270 0	T1 T2 T3 270 0	T1 T2 T3 270 0	T1 T2 T3 270 0	T1 T2 T3	T1 T2 T3



Face plate s1.F656/C10.V9





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

Designation: K2.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 60947-3, VDE	- 0660 Teil 107		
Nominal Voltage	- 0000 Tell 107		
Tomas Tomago		Voltage (V) AC / DC	
		690 AC	
Rated uninterrupted current lu/lth			
Current (A) Ambien	t temperature (°C) Peak	k temperature (°C) additional requirements	
16	55	60 Ambient temperature +55°C during 24 hours with peaks up	o to +60°C
Rated operational current le			
Jtilization category		Voltage (V)	Current (
AC-15		110 - 240	
AC-15		380 - 440	
AC-15		500	1,
AC-21A		20 - 690	
UL60947-4-1 , UL508			
Nominal Voltage			
		Voltage (V) AC / DC	
		600 AC	
Rated insulation voltage Ui			
		Voltage (V) AC / DC	
		600 AC	
Rated thermal current	2 (4)	4 1' 11 (00) 4 1"° 1T 1	
	Current (A)	Ambient temperature (°C) Additional Text	
Dilak daka aski a sada	10	0 - 40	
Pilot duty rating code			
Duty Code A600			
General Use			
AC / DC Voltage (V)	Current (A) No. of pl	hases No. of poles	No. of contacts in seri
AC 700 Voltage (V)	10	1 1	No. or contacts in sen
		ı ı	
GENERAL TECHNICAL INFOR	MATION		
Tightening torque of screws		4	
		tightening torque (Nm)	tightening torque (lb-
		0,60	
Stripping length		Law with farms	
		Length (mm) 8 STRIPPINGLENGTH	
Size of conductor		8 STRIPPINGLENGTH	
Size of colluctor		Cross section (mm²) or	
composition of conductor	Min. / Max. value	No. of conductor per terminal (AWG/kcmil)	Material of the wire
solid wire	Min.	1 0.5mm²	Copper
solid wire	Min.	2 0.5mm²	Copper
lexible wire	Min.	1 0.75mm²	Copper
lexible wire	Min.	2 0.75mm²	Copper
lexible wire	Max.	2 2.5mm²	Copper
lexible wire	Max.	2 AWG 14	Copper
Single-core or stranded wire	Max.	2 AWG 12	Copper
Single-core or stranded wire	Max.	2 2.5mm²	Copper
flexible wire with ferrule according to DII	N 46228 Max.	2 2.5mm²	Copper



Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or	Material of the wire
•		•	` '	
flexible wire with ferrule according to DIN 46228	Min.		0.5mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper
Recommended screw driver				
Type of screw driver		Value		
Cross Screwdriver		PH1		
Slot screwdriver according to DIN 5264		0,8x4		
General Information				
Text				
- Do not lubricate or treat contacts.				
- Switches may only be mounted, connected and se	t into operation by qualified perso	ns according to the accepted rules of tech	nnology.	
- Use copper wire only. Do not coat the wire end wit	h tin.			
13 21				
ر ا ـــــــــــــــــــــــــــــــــــ				
\ /				
1 [
14 22				