



Sample image

Datasheet

Article number: 70022094

Designation: KG100.T103/D-A068.KL71V

Description: Switch

IEC 60947-3 EN 60947-3,	VDE 0660 Teil 107						
Rated insulation voltage Ui							
			Voltage (V) AC / E	OC .			
			690 AC				
Rated uninterrupted current lu/lth			(22)				
	mbient temperature (°C)	Peak temperatur					
100	50		55 Ambient tei	mperature +50°C	during 24 hours v	vith peaks up to +55°C	
Rated operational current le				.,			2 (1)
Utilization category				Vo	Itage (V)		Current (A)
AC-32A					20 - 400		100
Rated operational power		1/-1/ (1/)		1		No of moles	D (I-IA)
Utilization category AC-3		Voltage (V)	r	No. of phases		No. of poles	Power (kW)
AC-3		220 - 240		3			18,50
AC-3		380 - 440		3		3	30 22
		660 - 690		3		3	22
AC-23A		220 - 240				3	
AC-23A		380 - 440		3		3	37
AC-23A		660 - 690		3		3	30
Max Fuse Rating IEC					No of F		C:
Fuse characteristic					No. of Fu		Current (A)
gG			•			1	100
UL60947-4-1 , UL508							
Nominal Voltage							
			Voltage (V) AC / E	OC .			
			600 AC				
Rated insulation voltage Ui							
			Voltage (V) AC / D	OC .			
			600 AC				
Rated thermal current			•				
	Current (A	A)		Ambient tempera	nture (°C) Additio	nal Text	
	Current (A 10			Ambient tempera	nture (°C) Additio 0 - 40	nal Text	
Horsepower rating				Ambient tempera		nal Text	
Horsepower rating Across-the-Line Motor Starting			Voltage (V)	Ambient tempera		Power (HP)	Ambient temperature [°C]
			Voltage (V) 110 - 120	·	0 - 40		Ambient temperature [°C] 40
Across-the-Line Motor Starting				No. of phases	0 - 40 No. of poles	Power (HP)	
Across-the-Line Motor Starting DOL			110 - 120	No. of phases	0 - 40 - No. of poles 2	Power (HP)	40
Across-the-Line Motor Starting DOL DOL			110 - 120 220 - 240	No. of phases	0 - 40 No. of poles 2 2	Power (HP) 5 15	40 40
Across-the-Line Motor Starting DOL DOL DOL			110 - 120 220 - 240 277 - 277	No. of phases 1 1	0 - 40 No. of poles 2 2 2	Power (HP) 5 15 15	40 40 40
Across-the-Line Motor Starting DOL DOL DOL DOL			110 - 120 220 - 240 277 - 277 415 - 415	No. of phases 1 1 1	0 - 40 No. of poles 2 2 2 2 2	Power (HP) 5 15 15 25	40 40 40 40
Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480	No. of phases 1 1 1 1 1	0 - 40 No. of poles 2 2 2 2 2 2	Power (HP) 5 15 15 25 30	40 40 40 40 40
Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL DOL DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 1 1	0 - 40 - No. of poles 2 2 2 2 2 2 2 2	Power (HP) 5 15 15 25 30 30	40 40 40 40 40 40
Across-the-Line Motor Starting DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	No. of phases 1 1 1 1 1 1 3	0 - 40 No. of poles 2 2 2 2 2 2 2 3	Power (HP) 5 15 15 25 30 30 10	40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240	No. of phases 1 1 1 1 1 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3	Power (HP) 5 15 15 25 30 30 10 25	40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415	No. of phases 1 1 1 1 1 1 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3	Power (HP) 5 15 15 25 30 30 10 25 40	40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	No. of phases 1 1 1 1 1 1 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 5 15 15 25 30 30 10 25 40 50	40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL			110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	No. of phases 1 1 1 1 1 1 3 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 5 15 15 25 30 30 10 25 40 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering	ng not more than 10kA	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 max. when protect	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering	ng not more than 10kA	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 max. when protect	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. e of delivering not more than (ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering	ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 max. when protect	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of the company of the compan	ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of the company of the compan	ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of the company of the compan	ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of the company of the compan	ng not more than 10kA 65000 rms symmetrical	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of Temperature rating (*C 7	ng not more than 10kA 65000 rms symmetrical 2) 5	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 rms symmetrical a	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 5 or Circuit Breaker Type
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than to the control of the contro	ng not more than 10kA (65000 rms symmetrical 5) 5	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 rms symmetrical a	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac ax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than the state of	ng not more than 10kA 65000 rms symmetrical 2) 5	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480 550 - 600 rms symmetrical a	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac lax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40 5 or Circuit Breaker Type
Across-the-Line Motor Starting DOL	on circuits capable of delivering General Electric. le of delivering not more than of the comparature rating (*C 7) Current (A) 100 100	ng not more than 10kA 65000 rms symmetrical C) 5	110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 122 220 - 240 415 - 415 440 - 480 550 - 600 rms symmetrical a amperes 600V ma	No. of phases 1 1 1 1 1 3 3 3 3 3 mperes, 600V ac ax., when protecte	No. of poles 2 2 2 2 2 2 3 3 3 3 3 max. when protected by Class J fuse	Power (HP) 5 15 15 25 30 30 10 25 40 50 50	40 40 40 40 40 40 40 40 40 40 40 5 or Circuit Breaker Type



General Information								
Text								
					ld be provided fro	m the manufactu	irer, or the operatin	g handle and position indicating me
l		•	combination with the manual n					
- When intended for use	e as a motor disc	connector the c	device shall be provided with a	method of being locke	d in the OFF-posit	tion.		
CSA								
Nominal Voltage								
				Voltage (V) AC / D	IC .			
				600 AC				
Rated insulation voltage	je Ui							
				Voltage (V) AC / D	C			
				600 AC				
Rated thermal current			10.1			6-1		
			Current (A)		Ambient tempera	ture (°C) Addition	nal Text	
Horsepower rating			100			0 - 40		
Across-the-Line Motor S	Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature
DOL	Starting			110 - 120	140. 01 phases	2	5 5	Ambient temperature
DOL				220 - 240	1	2	15	
DOL				277 - 277	1	2	15	
DOL				415 - 415	1	2	25	
DOL				440 - 480	1	2	30	
DOL				550 - 600	1	2	30	
DOL				110 - 120	3	3	10	
DOL				220 - 240	3	3	25	
DOL				415 - 415	3	3	40	
DOL				440 - 480	3	3	50	
DOL				550 - 600	3	3	50	
Temp. rating of wire		_	.: (00)					
		Temperatur			Cu	ırrent (A) Text 		
General Use			75					
	Voltage (V)	Current (A)	No. of phases	No. of pole	98			No. of contacts in se
AC DC	277	100	No. or priases		1			No. of contacts in si
AC	600	100	1		2			
AC	600	100	3		3			
			<u> </u>		-			
GENERAL TECHN		RIMATION						
Tightening torque of sc	crews		*inh*oni	a taraua (Nma)				tinhtoning torque (
			tigntenii	ng torque (Nm) 3				tightening torque (I
Stripping length				<u> </u>				
outpping longin				Length (mm)				
					PINGLENGTH			
Size of conductor								
						Cross section	(mm²) or	
composition of conduct	tor		Min. / Max. value	No. of co.	nductor per termir	nal (AWG/kcmil)	(mm²) or	Material of the wire
composition of conducts	tor		Min.	No. of co.	nductor per termir	nal (AWG/kcmil) 1 2.5mm²	(mm²) or	Copper
composition of conductor solid wire flexible wire	tor		Min. Min.	No. of co.	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm²	(mm²) or	Copper Copper
composition of conducts solid wire flexible wire flexible wire	tor		Min. Min. Max.	No. of co.	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm²	(mm²) or	Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire			Min. Min. Max. Max.	No. of co	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2	(mm²) or	Copper Copper Copper Copper
composition of conduct solid wire flexible wire flexible wire flexible wire Single-core or stranded	l wire		Min. Min. Max. Max. Max.	No. of co	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0	(mm²) or	Copper Copper Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded	l wire I wire		Min. Min. Max. Max. Max. Max.	No. of co.	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm²	(mm²) or	Copper Copper Copper Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termir	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire slingle-core or stranded slingle-core or stranded flexible wire with sleeve flexible wire with ferrule	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm²	(mm²) or	Copper Copper Copper Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire single-core or stranded flexible wire with sleeve flexible wire with sleeve flexible wire with ferrule Approbations Specification	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co.	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termii	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co.	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives	l wire I wire e	IN 46228	Min. Min. Max. Max. Max. Max. Max.	No. of co	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper Mai
composition of conducts solid wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw description	l wire I wire e e according to D	IN 46228	Min. Min. Max. Max. Max. Max. Max.		nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw d Type of screw driver	l wire I wire e e according to D	IN 46228	Min. Min. Max. Max. Max. Max. Max.	Value	nductor per termin	nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw driver Cross Screw driver	I wire I wire e e according to D		Min. Min. Max. Max. Max. Max. Max.	Value PH2		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw d Type of screw driver Cross Screwdriver Slot screwdriver accord	I wire I wire e e according to D		Min. Min. Max. Max. Max. Max. Max.	Value		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw driver Cross Screwdriver Cross Screwdriver Slot screwdriver accord General Information	I wire I wire e e according to D		Min. Min. Max. Max. Max. Max. Max.	Value PH2		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded Single-core or stranded flexible wire with sleeve flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw driver Cross Screwdriver Cross Screwdriver Slot screwdriver accord General Information Text	wire wire e according to D		Min. Min. Max. Max. Max. Max. Max.	Value PH2		nal (AWG/kcmil) 1 2.5mm² 1 4mm² 1 35mm² 1 AWG 2 1 AWG 1/0 1 50mm² 1 35mm²	(mm²) or	Copper
composition of conducts solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded flexible wire with sleever flexible wire with sleever flexible wire with sleever flexible wire with ferrule Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screw driver Cross Screwdriver Slot screwdriver accord General Information Text - Do not lubricate or treater single wire flexible wire wire flexible wire wire flexible wire with sleever flexi	I wire I wire e according to D driver ding to DIN 5264 at contacts.		Min. Min. Max. Max. Max. Max. Min.	Value PH2 1,2x6,	5	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	(mm²) or	Copper
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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 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

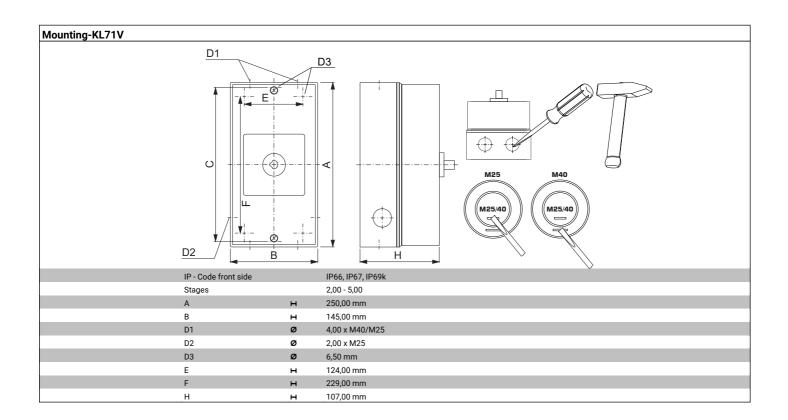
Description

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 KG100.T303.KL71V

L1	L2	L3
	\	
T1	T2	Т3

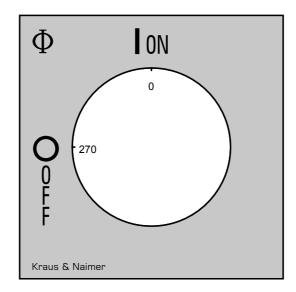


Switch program KG100.T303.KL71V

A Knows S	NIa	iman							
Traus & I	Na	imer	KG1	00	T303	1		Page	1 of 1
Face Plate									
1		1 1	L2 3	L3 5	7	9	11	13	15
0 (270 90 -)		$\sqrt{1}$	$\sqrt{1}$	νI					
180)))					
Switching Angle 90 Total switching Angle 90	4	2 T1	4 T2	6 T3	8	10	12	14	16
0	270		12	13					
1	0								
	90								
	400								
	180								
	_							Vers	ion: 102



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	-,				
			Voltage (V) AC / DC		
			690 AC		
Rated uninterrupted current lu	/Ith				
Current (A)	Ambient temperature (°	C) Peak temperat	ure (°C) additional requirements		
16		55	60 Ambient temperature +55°C du	ring 24 hours with peaks up to	+60°C
Rated operational current le					
Utilization category				ge (V)	Current (
AC-15				0 - 240	
AC-15			380	0 - 440	
AC-15				500	1,5
AC-21A			20) - 690	
UL60947-4-1, UL508					
Nominal Voltage					
			Voltage (V) AC / DC		
			600 AC		
Rated insulation voltage Ui			4.4		
			Voltage (V) AC / DC		
			600 AC		
Rated thermal current			11:11	(00) 4 1 1111 1 7	
	(Current (A)		re (°C) Additional Text	
Dilat data anti-		10		0 - 40	
Pilot duty rating code					
Duty Code					
A600 General Use					
AC / DC Voltage	e (V) Current (A)	No. of phases	No. of poles		No. of contacts in serie
•	600 10	No. or phases	No. or pores		No. or contacts in sem
		<u>'</u>	ļ .		
GENERAL TECHNICAL	INFORMATION				
Tightening torque of screws					
		tightening	torque (Nm)		tightening torque (lb-i
			0,60		
Stripping length					
			Length (mm)		
0:			8 STRIPPINGLENGTH		
Size of conductor				Cross section (mm²) c=	
composition of conductor	1	/lin. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
solid wire	ı	∕lin.	•	0.5mm²	Copper
solid wire	N	∕lin.	2	0.5mm²	Copper
flexible wire		∕lin.	1	0.75mm²	Copper
flexible wire		∕lin.	2	0.75mm²	Copper
lexible wire		Лах.	2	2.5mm²	Copper
flexible wire		Лах.	2	AWG 14	Copper
Single-core or stranded wire		Лах.	2	AWG 12	Copper
Single-core or stranded wire		Лах.	2	2.5mm²	Copper
flexible wire with ferrule accord	ding to DIN 46229	Лах.	2	2.5mm ²	Copper



Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
flexible wire with ferrule according to DIN 46228	Min.	1	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		,	5,	
13 21				
\' \' \				
) (
14 22				