



Sample image

Datasheet

Article number: 70021928

Designation: KG32.T103/40.KL51V **Description:** Switch Global Disconnector

.r., DU94/-3 FN 6!	0947-3, VDE	0660 Teil 107						
Rated insulation voltage		0000 1611 107						
			Volta	ge (V) AC / D	OC .			
Rated uninterrupted curr	rent lu/lth			690 AC				
Current (A)		temperature (°C)	Peak temperature (°C)) additional re	equirements			
32		50				during 24 hours v	vith peaks up to +55°C	
Rated operational currer	nt le					<u> </u>		
Utilization category					Vo	oltage (V)		Current (A
AC-32A						20 - 400		32
Rated operational power	r							
Utilization category			Voltage (V)	٨	lo. of phases		No. of poles	Power (kW
AC-3			220 - 240		3		3	5,50
AC-3			380 - 440		3		3	7,50
AC-3			660 - 690		3		3	7,50
AC-23A AC-23A			220 - 240 380 - 440		3		3	5,50 11
AC-23A AC-23A			660 - 690		3		3	11
Max Fuse Rating IEC			800 - 890		<u> </u>		<u> </u>	
Fuse characteristic						No. of Fu	ISPS	Current (A
gG						NO. OI FU	1	Strent (A)
-	F00						·	
UL60947-4-1 , UL	อบช							
Nominal Voltage				(1) 10 15	20			
			Volta	ge (V) AC / D	OC .			
Datad inaulation valtage	. 18			600 AC				
Rated insulation voltage	e UI		Volta	~~ (1) AO / F	00			
			voita	ge (V) AC / D 600 AC	<i>.</i>			
Rated thermal current				000 AC				
Nateu tileriliai current		Current (4)		Ambient temper	ature (°C) Additio	anal Toyt	
					Ambient tempera		iliai i ext	
			30			0 - 40		
Horsepower rating			30			0 - 40		
Horsepower rating Across-the-Line Motor St.	tarting		30	Voltage (V)	No. of phases		Power (HP)	Ambient temperature [°C
Horsepower rating Across-the-Line Motor St. DOL	tarting	į		Voltage (V) 110 - 120	No. of phases	No. of poles	Power (HP) 1.50	Ambient temperature [°C,
Across-the-Line Motor St	tarting	•	30	110 - 120	•		Power (HP) 1,50 3	40
Across-the-Line Motor St.	tarting	•	30	110 - 120 200 - 208	. 1	No. of poles	1,50	40
Across-the-Line Motor St. DOL DOL	tarting	•	30	110 - 120	, 1 1	No. of poles 2	1,50 3	4C 4C 4C
Across-the-Line Motor St. DOL DOL DOL	tarting		30	110 - 120 200 - 208 220 - 240	, 1 1	No. of poles 2 2 2	1,50 3 5	40
Across-the-Line Motor St. DOL DOL DOL DOL DOL	tarting	· ·	30	110 - 120 200 - 208 220 - 240 277 - 277	1 1 1 1	No. of poles 2 2 2 2 2	1,50 3 5 5 5	40 40 40 40 40 40
Across-the-Line Motor St DOL DOL DOL DOL DOL DOL	tarting	· ·	30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415	1 1 1 1 1	No. of poles 2 2 2 2 2 2 2 2 2	1,50 3 5 5	40 44 44 40 44 44
Across-the-Line Motor St. DOL DOL DOL DOL DOL DOL DOL DOL DOL	tarting	· ·	30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480	1 1 1 1 1	No. of poles 2 2 2 2 2 2 2 2 2	1,50 3 5 5 5 5 7,50	40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1	No. of poles 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,50 3 5 5 5 5 7,50 7,50	40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	1 1 1 1 1 1 1 1 3	No. of poles 2 2 2 2 2 2 2 2 2 3	1,50 3 5 5 5 7,50 7,50 3	40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240	1 1 1 1 1 1 1 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3	1,50 3 5 5 5 7,50 7,50 3 10	40 44 40 40 40 40 44 40 44 44
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415	1 1 1 1 1 1 1 3 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10	40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	1 1 1 1 1 1 1 3 3 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10 10	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	1 1 1 1 1 1 1 3 3 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10 10	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	tarting		30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	1 1 1 1 1 1 1 3 3 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10 10	44 44 44 44 44 44 44 44 44
Across-the-Line Motor St. DOL			30	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480	1 1 1 1 1 1 1 3 3 3 3	No. of poles 2 2 2 2 2 2 2 2 3 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10 10	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	J Jiity			110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3	1,50 3 5 5 5 7,50 7,50 3 10 10 20 25	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	ity or use on circuits	capable of delivering r	not more than 10kA rms symn	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 when protected	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	ity or use on circuits	capable of delivering r		110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 when protected	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	40 44 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	ity or use on circuits	capable of delivering r livering not more than	not more than 10kA rms symn 65000 rms symmetrical amp	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 3 c. when protected	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	40 44 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	ity or use on circuits	capable of delivering r livering not more than Temperature rating (*	not more than 10kA rms symn 65000 rms symmetrical amp	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 cwhen protected oted by 40A Class	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	44 44 44 44 44 44 44 44 44
Across-the-Line Motor St. DOL	ity or use on circuits	capable of delivering r livering not more than	not more than 10kA rms symn 65000 rms symmetrical amp	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3 3 3	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 3 c. when protected	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	44 44 44 44 44 44 44 44 44
Across-the-Line Motor St. DOL	ity or use on circuits cuit capable of de	capable of delivering r livering not more than Temperature rating (° 60 -	not more than 10kA rms symn 65000 rms symmetrical amp C)	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	To the state of th	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 cwhen protected oted by 40A Class	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	44 44 44 44 44 44 44 44 44
Across-the-Line Motor St. DOL	J lity or use on circuits cuit capable of de	capable of delivering r livering not more than Temperature rating (° 60 - : Current (A)	not more than 10kA rms symm 65000 rms symmetrical amp C) 75 No. of phases	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	To the second se	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 cwhen protected oted by 40A Class	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	40 44 41 41 41 41 44 44 44 45 46 47 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40
Across-the-Line Motor St. DOL	ity or use on circuits cuit capable of de	capable of delivering r livering not more than Temperature rating (* 60 - : Current (A) 30	not more than 10kA rms symn 65000 rms symmetrical amp C) 75 No. of phases 1	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 cwhen protected oted by 40A Class	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	Au 4u 4u 4u 4u 4u 4u 4u 4u 4u 4
Across-the-Line Motor St. DOL	J lity or use on circuits cuit capable of de	capable of delivering r livering not more than Temperature rating (° 60 - : Current (A)	not more than 10kA rms symm 65000 rms symmetrical amp C) 75 No. of phases	110 - 120 200 - 208 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600	To the second se	No. of poles 2 2 2 2 2 2 2 3 3 3 3 3 3 cwhen protected oted by 40A Class	1,50 3 5 5 5 7,50 7,50 7,50 10 10 20 25	44 44 44 44 44 44 44 44 45 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49



O - f + f								
General Information Text								
	ooting	to be used with the !	motor ocatallass at	ld be presided to	n the man-f-	ror or the arrest.	a handle and manister in the est	mass
 The operating handle and position indicate to be used should have been previously 				id be provided from	n the manufacti	irer, or the operating	g handle and position indicating i	means
·	•							
- When intended for use as a motor disc	onnector the d	levice shall be provided with a	method of being locke	d in the OFF-position	on.			
CSA								
Nominal Voltage								
			Voltage (V) AC / D	С				
			600 AC					
Rated insulation voltage Ui								
-			Voltage (V) AC / D	С				
			600 AC					
Rated thermal current								
		Current (A)		Ambient temperat	ure (°C) Additio	nal Text		
		30			0 - 40			
Horsepower rating								
Across-the-Line Motor Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperatu	
DOL			110 - 120	1	2	1,50		40
DOL			220 - 240	1	2	5		40
DOL			277 - 277	1	2	5		40
DOL			415 - 415	1	2	5		40
DOL			440 - 480	1	2	7,50		40
DOL			550 - 600	1	2	7,50		40
DOL			110 - 120	3	3	3		40
DOL			220 - 240	3	3	10		40
DOL			415 - 415	3	3	10		40
DOL			440 - 480	3	3	20		40
DOL			550 - 600	3	3	25		40
Pilot duty rating code								
Duty Code								
A600								
Temp. rating of wire								
	Temperature			Cur	rent (A) Text			
0		75						
General Use AC / DC Voltage (V)	Current (A)	No of phases	No of male				No of contacts in	
AC / DC Voltage (V) AC 277	Current (A) 30	No. of phases	No. of pole	1			No. of contacts in	1 series
AC 277	30	1		2				1
AC 600	30	3		3				1
		3		ა				- '
GENERAL TECHNICAL INFOR	MATION							
Size of conductor	MATION							
Size of conductor		Min / May value	No. of co.	ndustor per termine	Cross section	ı (mm²) or	Material of the wire	
Size of conductor composition of conductor		Min. / Max. value	No. of co.	nductor per termina	al (AWG/kcmil)	n (mm²) or	Material of the wire	
Size of conductor composition of conductor solid wire		Min.	No. of co.		al (AWG/kcmil) 1 0.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire		Min. Min.	No. of co.	·	al (AWG/kcmil) 1 0.75mm² 2 0.5mm²	ı (mm²) or	Copper Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire		Min. Min. Min.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm²	r (mm²) or	Copper Copper Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire		Min. Min. Min. Max.	No. of co		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm² 1 AWG 10	o (mm²) or	Copper Copper Copper Copper	
Size of conductor composition of conductor solid wire flexible wire flexible wire flexible wire		Min. Min. Min. Max. Max.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm² 1 AWG 10 1 4mm²	(mm²) or	Copper Copper Copper Copper Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire		Min. Min. Min. Max. Max. Min.	No. of co		al (AWG/kcmil) 1 0.75mm ² 2 0.5mm ² 2 0.75mm ² 1 AWG 10 1 4mm ² 1 1.5mm ²	ı (mm²) or	Copper Copper Copper Copper Copper Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire		Min. Min. Min. Max. Max. Min. Max. Min. Max.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm²	ı (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire		Min. Min. Min. Max. Max. Min. Min. Max. Min. Max.	No. of co		al (AWG/kcmil) 1 0.75mm² 2 0.55mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire flexible wire flexible wire single-core or stranded wire flexible wire with sleeve		Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Max.	No. of co		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4wm²	(mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII flexible wire with ferrule according to DII	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Max.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.5mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4wm²	o (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	No. of co.		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII flexible wire with ferrule according to DII	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.			al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII flexible wire with ferrule according to DII	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	Length (mm)		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.			al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	o (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length Recommended screw driver	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	Length (mm) 9 L		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	o (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire solid wire flexible wire flexible wire solid wire flexible wire flexible wire single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire fle	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	Length (mm) 9 Value		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	Length (mm) — 9 Value PH2		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire single-core or stranded wire single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Max. Min. Max. Min. Min.	Length (mm) 9 Value		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length Recommended screw driver Type of screw driver Cross Screwdriver	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min.	Length (mm) — 9 Value PH2		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper	e (Ib-in)
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper	e (lb-in)
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 sleeve flexible wire with ferrule according to DII flexible wire of screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper	
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 sleeve flexible wire with ferrule according to DII flexible wire of screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper topper Copper topper topper	
Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire with sleeve flexible wire with ferrule according to DII flexible wire with ferrule according to DII Stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	ı (mm²) or	Copper topper Copper topper topper	11 Marking
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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 sleeve flexible wire with ferrule according to DII stripping length Recommended screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws Approbations Specification	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper topper Copper Mightening torque	Aarking EAL
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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 sleeve flexible wire with ferrule according to DII flexible wire of screw driver Type of screw driver Cross Screwdriver Slot screwdriver according to DIN 5264 Tightening torque of screws Approbations Specification	N 46228	Min. Min. Min. Max. Max. Min. Max. Min. Max. Min. Min. Min. Min. Min. Min.	Length (mm) 9 Value PH2 0,8x4		al (AWG/kcmil) 1 0.75mm² 2 0.75mm² 2 0.75mm² 1 AWG 10 1 4mm² 1 1.5mm² 1 6mm² 1 AWG 10 1 4mm² 1 O.75mm²	(mm²) or	Copper topper Copper Mightening torque	11 Marking ENI
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Approbations

Specification

Marking (\mathbf{w})

GB/T14048.3

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.
- 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 Ø

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

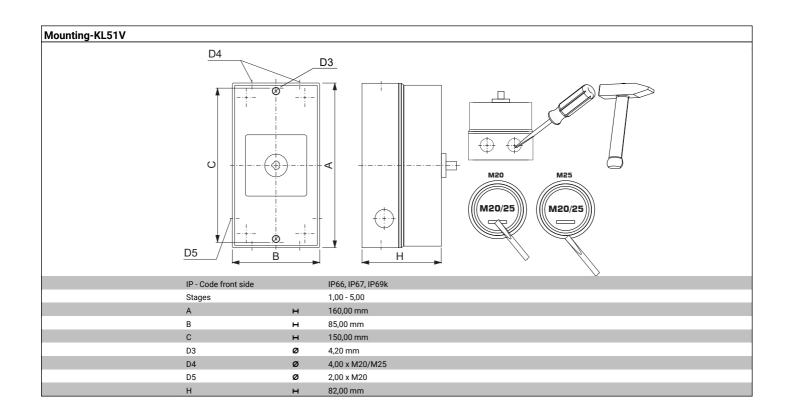
Proposition 65

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 KG32.T303.KL51V

L1 L2 L3	
T1 T2 T3	

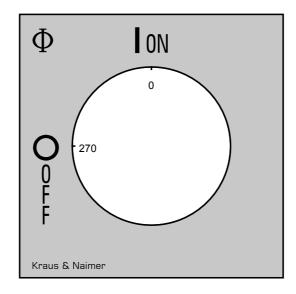


Switch program KG32.T303.KL51V

o (Switchin	Face Plate Tace Plate 1 0 90 180 180 90 g Angle 9 itching Angle 9	10	L1 1 1 1 2	1 \ \	L3 5	7	9	11	Page	15
Switchin	g Angle gitching Angle		1 \	3	5	7	9	11	13	15
Switchin	g Angle 9 itching Angle 9)	\	\					
	g Angle 9		<u>)</u>))					
	itching Angle 9		2							
Total sw				4	6	8	10	12	14	16
		270	T1	T2	Т3					
	•									
						-				
	1	0								
		90								
		180								



Face plate s1.F656/C10.V9





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

IEC 60947-3 EN 60947-3	, VDE 0000 Tell 107				
Nominal Voltage		Valtage	(V) AC/DC		
			500 AC		
			690 AC		
Rated uninterrupted current lu/lth		,	090 AC		
•	mbient temperature (°C)	Peak temperature (°C)	additional requirements		
10	55		Ambient temperature +55°C dur	ng 24 hours with peaks up t	to +60°C
16	55		Ambient temperature +55°C dur		
Rated operational current le			·		
Jtilization category			Voltag	ge (V)	Current
AC-15				- 240	2
AC-15			380	- 440	1
AC-15				500	
AC-21A				500	
JL60947-4-1 , UL508					
Nominal Voltage					
			(V) AC/DC		
			600 AC		
Rated insulation voltage Ui					
			(V) AC/DC		
			600 AC		
Rated thermal current	2 (4)		11:11	(00) 4 11::: 17	
	Current (A)			e (°C) Additional Text 0 - 40	
Pilot duty rating code	10			0 - 40	
A600					
A600 General Use AC / DC Voltage (V)		No. of phases	No. of poles		No. of contacts in ser
AC 600 GENERAL TECHNICAL IN) 10	•	•		No. of contacts in ser
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN) 10	•	•	Cross section (mm²) or	No. of contacts in ser
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor) 10	1	•	Cross section (mm²) or (AWG/kcmil)	No. of contacts in ser Material of the wire
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire	FORMATION Min. / Max. Min.	1	No. of conductor per terminal	(AWG/kcmil) 0.5mm²	Material of the wire Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire solid wire	TO T	1	No. of conductor per terminal	(AWG/kcmil) 0.5mm² 0.5mm²	Material of the wire Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire	Min. / Max. Min. Min. Min. Min.	1	No. of conductor per terminal 1 2 1	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm²	Material of the wire Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire flexible wire	Min. / Max. Min. Min. Min. Min. Min.	1	No. of conductor per terminal 1 2 1 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm²	Material of the wire Copper Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire	Min. / Max. Min. Min. Min. Min. Min. Min. Min. Min	1	No. of conductor per terminal 1 2 1 2 2 2	(AWG/kcmil) 0.5mm² 0.75mm² 0.75mm² 0.75mm² 4WG 16	Material of the wire Copper Copper Copper Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire	Min. / Max. Min. Min. Min. Min. Min. Min. Min. Min	1	No. of conductor per terminal 1 2 1 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 4WG 16 1.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire flexible core or stranded wire	Min. / Max. Min. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max.	1	No. of conductor per terminal 1 2 1 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire solid wire flexible wire flexible wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max.	1	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 4WG 16 1.5mm² 4WG 14 1.5mm²	Material of the wire Copper Copper Copper Copper Copper Copper Copper Copper Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire flexible wire flexible wire Single-core or stranded wire Single-core or stranded wire flexible wire	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	1	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 4WG 16 1.5mm² 4WG 14 1.5mm² 1mm²	Material of the wire Copper
A600 General Use AC / DC Voltage (V) AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire flexible wire flexible wire Single-core or stranded wire flexible wire with ferrule according flexible wire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	1	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GENERAL TECHNICAL IN Size of conductor solid wire flexible wire flexible wire flexible wire flexible wire flexible wore flexible wire with ferrule according flexible wire with ferrule according flexible wire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	1	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 4WG 16 1.5mm² 4WG 14 1.5mm² 1mm²	Material of the wire Copper
A600 General Use AC / DC Voltage (V, AC 600 GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire flexible wire flexible wire Single-core or stranded wire flexible wire with ferrule according flexible wire wire wire wire will will be wire with ferrule according flexible wire with with flexible wire with with with with with with with with	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	value	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 1 1 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GENERAL TECHNICAL IN Size of conductor solid wire flexible wire flexible wire flexible wire flexible wire flexible wore flexible wire with ferrule according flexible wire with ferrule according flexible wire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	1	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 1 1 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GENERAL TECHNICAL IN Size of conductor solid wire flexible wire flexible wire flexible wire flexible wire flexible wore flexible wire with ferrule according flexible wire with ferrule according flexible wire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	value	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GOO GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire flexible wire with ferrule according flexible mire with ferrule according flexible wire with ferrule according flexible wire with ferrule according flexible mire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	value	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GENERAL TECHNICAL IN Size of conductor Solid wire Solid wire Flexible wire with ferrule according	Min. / Max. Min. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	value	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2 1 2 2 1 2	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper
AGOO General Use AC / DC Voltage (V) AC GENERAL TECHNICAL IN Size of conductor composition of conductor solid wire elexible wire flexible wire flexible wire flexible wire flexible wire with ferrule according elexible wire with ferrule according flexible or force with flexible wire flexible or force with flexible with ferrule according flexible or force with flexible wire flexible or flexible wire flexible or flexible wire flexible or flexible wire flexible or flexible wire	Min. / Max. Min. Min. Min. Min. Min. Max. Max. Max. Max. Max. Max. Max. Max	value	No. of conductor per terminal 1 2 1 2 2 2 2 2 2 2 2 2 7 1 2 Value	(AWG/kcmil) 0.5mm² 0.5mm² 0.75mm² 0.75mm² 0.75mm² AWG 16 1.5mm² AWG 14 1.5mm² 1.5mm² 0.5mm²	Material of the wire Copper



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