



Sample image

Datasheet

Article number: 70010041

Designation: KG32.T203/40.KL51V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Märkdriftspänning Ui					
Spänning (V) AC / DC					
690 AC					
Märkdriftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav			
32	50	55 Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C			
Märkdriftström Ie					
Urvals kriterie		Spänning (V)			Ström (A)
AC-32A		20 - 400			32
Märkdrifteffekt					
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (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	220 - 240	3		3	5,50
AC-23A	380 - 440	3		3	11
AC-23A	660 - 690	3		3	11
Max försäkring, IEC					
Säkringskaraktéristik		Antal säkringar			Ström (A)
gG		1			35
UL60947-4-1 , UL508					
Nominal Voltage					
Spänning (V) AC / DC					
600 AC					
Märkdriftspänning Ui					
Spänning (V) AC / DC					
600 AC					
Rated thermal current					
Ström (A)		Omgivningstemperatur (°C) Additional Text			
30		0 - 40 --			
Horsepower rating					
Across-the-Line Motor Starting		Spänning (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	1,50
DOL		200 - 208	1	2	3
DOL		220 - 240	1	2	5
DOL		277 - 277	1	2	5
DOL		415 - 415	1	2	5
DOL		440 - 480	1	2	7,50
DOL		550 - 600	1	2	7,50
DOL		110 - 120	3	3	3
DOL		200 - 240	3	3	10
DOL		415 - 415	3	3	10
DOL		440 - 480	3	3	20
DOL		550 - 600	3	3	25
Pilot duty rating code					
Duty Code					
A600					
SCCR / Max. fuse rating					
Conditions of acceptability					
This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses.					
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V max., when protected by 40A Class J fuses.					
Temp. rating of wire					
Temperature rating (°C)		Ström (A) Text			
60 - 75		-- --			
General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	30	1	1	1
AC	600	30	1	2	1
AC	600	30	3	3	1

General Information						
Text						
- The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers.						
- När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".						
CSA						
Nominal Voltage						
			Spänning (V) AC / DC			
			600 AC			
Märkdriftspänning Ui						
			Spänning (V) AC / DC			
			600 AC			
Rated thermal current						
		Ström (A)	Omgivningstemperatur (°C)		Additional Text	
		30	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting	Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]	
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 rating (°C)			Ström (A) Text			
75			-- --			
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	30	1	1	1	
AC	600	30	1	2	1	
AC	600	30	3	3	1	

GENERAL TECHNICAL INFORMATION						
Size of conductor						
composition of conductor	Min. / Max. value		No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)		Material of the wire
solid wire	Min.		1	0,75mm²		Copper
solid wire	Min.		2	0,5mm²		Copper
flexible wire	Min.		2	0,75mm²		Copper
flexible wire	Max.		1	AWG 10		Copper
flexible wire	Max.		1	4mm²		Copper
flexible wire	Min.		1	1,5mm²		Copper
Single-core or stranded wire	Max.		1	6mm²		Copper
Single-core or stranded wire	Max.		1	AWG 10		Copper
flexible wire with sleeve	Max.		1	4mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		1	0,75mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		2	0,5mm²		Copper
Stripping length						
			Length (mm) --			
						
			9			
Rekomenderad skruvmejsel						
Typ av skruvmejsel			Value			
Stjärnskruvmejsel			PH2			
Slot screwdriver according to DIN 5264			0,8x4			
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			1,25		11	

Approbations	
Specification	
EAC	
CE marking	
UK Directives	
CSA C.22.2 No.14	

Approbations

Specification

Marking

GB/T14048.3



General Information

Text

- EMC Note: This device is suitable for use in environment A and B.
- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.

Waste Electrical & Electronic Equipment (WEEE)

Picture name Description



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



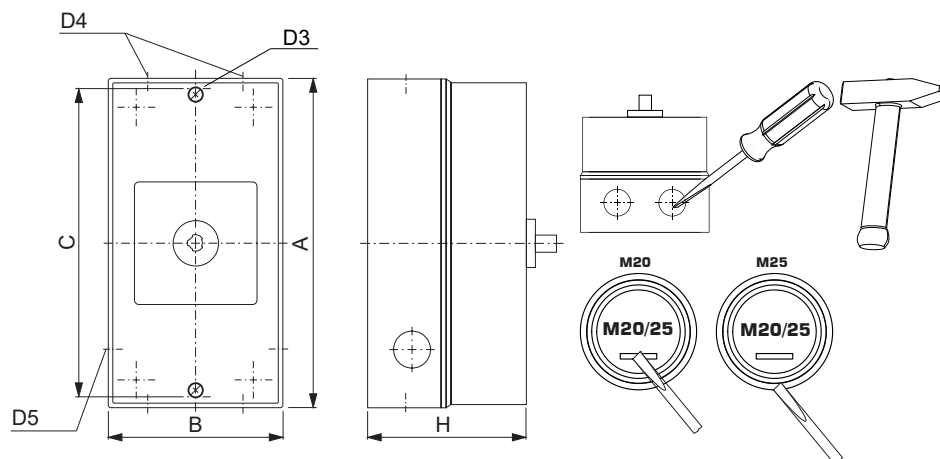
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-KL51V

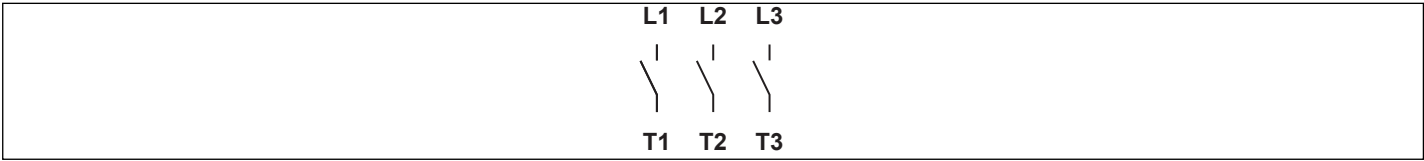


Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		1,00 - 5,00
A	H	160,00 mm
B	H	85,00 mm
C	H	150,00 mm
D3	Ø	4,20 mm
D4	Ø	4,00 x M20/M25
D5	Ø	2,00 x M20
H	H	82,00 mm



Wiring diagram

KG32.T303.KL51V



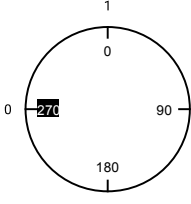
Switch program

KG32.T303.KL51V



Kraus & Naimer

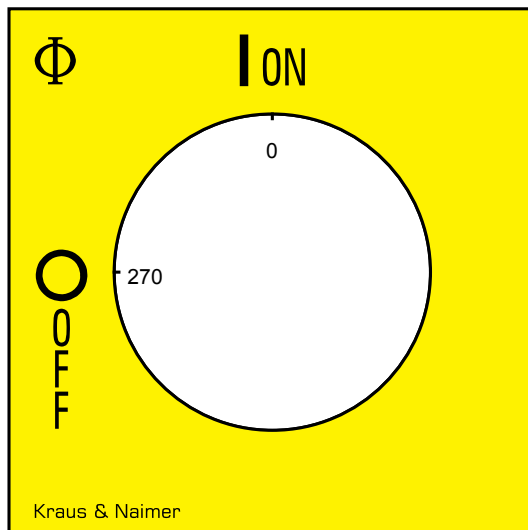
KG32
T303
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Face Plate										
		L1	L2	L3						
		1	3	5	7	9	11	13	15	
										
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	
		T1	T2	T3						
0	270									
1	0	■	■	■						
	90									
	180									

Version: 102

Face plate

S1.F656/E10.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 0660 Teil 107

Nominal Voltage

Spänning (V) AC / DC
500 AC
690 AC

Märkdraftström vid konstant drift

Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)	ytterligare krav
10	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C
16	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C

Märkdraftström Ie

Urvals kriterie	Spänning (V)	Ström (A)
AC-15	110 - 240	2,50
AC-15	380 - 440	1,50
AC-15	500	1
AC-21A	500	10

UL60947-4-1, UL508

Nominal Voltage

Spänning (V) AC / DC
600 AC

Märkdraftspänning Ui

Spänning (V) AC / DC
600 AC

Rated thermal current

Ström (A)	Omgivningstemperatur (°C)	Additional Text
10	0 - 40	--

Pilot duty rating code

Duty Code
A600

General Use

AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	10	1	1	1

GENERAL TECHNICAL INFORMATION

Size of conductor

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	0,5mm ²	Copper
solid wire	Min.	2	0,5mm ²	Copper
flexible wire	Min.	1	0,75mm ²	Copper
flexible wire	Min.	2	0,75mm ²	Copper
flexible wire	Max.	2	AWG 16	Copper
flexible wire	Max.	2	1,5mm ²	Copper
Single-core or stranded wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	1,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²	Copper

Stripping length

Length (mm) --
6



Rekomenderad skruvmejsel

Typ av skruvmejsel	Value
Stjärnskruvmejsel	PH1
Slot screwdriver according to DIN 5264	0,6x3,5

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
0,60	5

General Information

Text

- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.

13 21

14 22

14 22

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