



Sample image

Datasheet

Article number: 70025127

Designation: KG32.T204/40.KL51V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Tension assignée d'isolement Ui					
Tension (V) AC / DC					
690 AC					
Courant Ininterrompu et thermique conventionnel Iu/Ith					
Intensité (A)	Température Ambiante (*)	Température Maxi (*)	Spécification complémentaire		
32	50	55	Température ambiante +50°C durant 24 heures avec point à +55°C		
Courant assigné d'emploi Ie					
Catégorie d'emploi		Tension (V)		Intensité (A)	
AC-32A		20 - 400		32	
Puissance assignée d'emploi					
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (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	
Protection par fusible (IEC)					
Caractéri		Nombre de fusible		Intensité (A)	
gG		1		35	
UL60947-4-1 , UL508					
Nominal Voltage					
Tension (V) AC / DC					
600 AC					
Tension assignée d'isolement Ui					
Tension (V) AC / DC					
600 AC					
Rated thermal current					
Intensité (A)		Température Ambiante (*)		Additional Text	
30		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting		Tension (V)	Nb de phases	Nb de pôles	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)		Intensité (A)		Text	
60 - 75		--		--	
General Use					
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	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.						
- When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.						
CSA						
Nominal Voltage						
			Tension (V) AC / DC			
			600 AC			
Tension assignée d'isolement Ui						
			Tension (V) AC / DC			
			600 AC			
Rated thermal current						
		Intensité (A)	Température Ambiante (°)		Additional Text	
		30	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting			Tension (V)	Nb de phases	Nb de pôles	Power (HP)
DOL			110 - 120	1	2	1,50
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			220 - 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						
Temp. rating of wire						
			Temperature rating (°C)	Intensité (A)	Text	
			75	--	--	
General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	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						
Tightening torque of screws						
			tightening torque (Nm)	tightening torque (lb-in)		
			1,25	11		
Stripping length						
			Length (mm)	--		
			9	STRIPPINGLENGTH		
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	
Approbations						
Specification				Marking		
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Recommandations concernant le tournevis						
Type			Value			
Tournevis cruciforme			PH2			

Recommandations concernant le tournevis

Type	Value
Slot screwdriver according to DIN 5264	0,8x4

General Information

Text

- EMC Note: This device is suitable for use in environment A and B.
- Ne jamais lubrifier ou traiter les contacts.
- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.
- Use copper wire only. Do not coat the wire end with tin.
- Les bornes qui ne sont pas supposées être utilisées pour le raccordement de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.

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

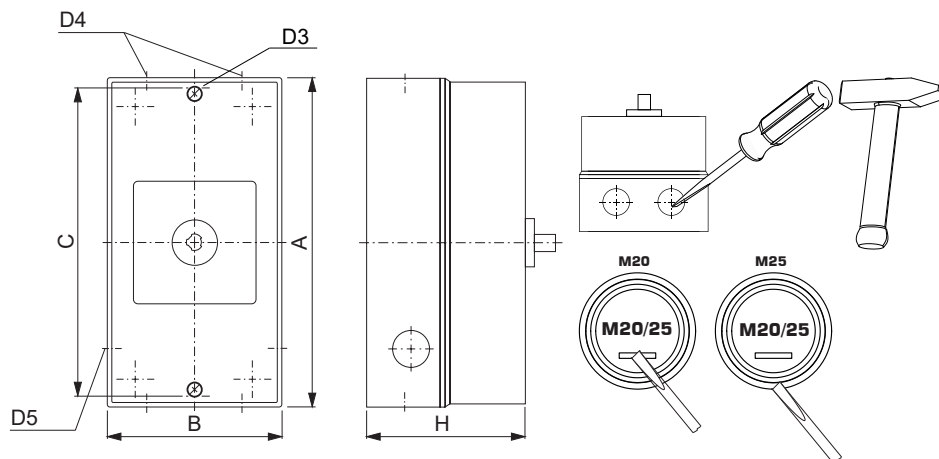
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Mounting-KL51V

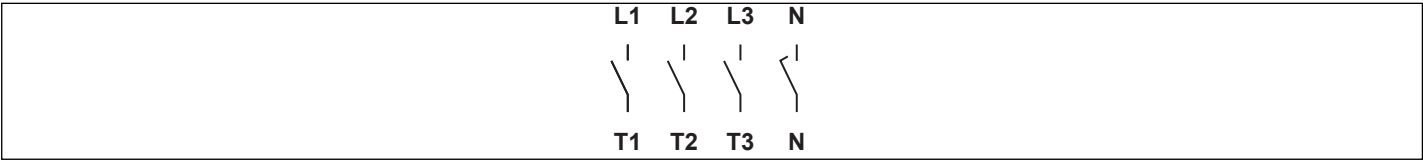


IP - Code front side	IP66, IP67, IP69k
Stages	1,00 - 5,00
A	H 160,00 mm
B	H 85,00 mm
C	H 150,00 mm
D3	Ø 4,20 mm
D4	Ø 4,00 x M20/M25
D5	Ø 2,00 x M20
H	H 82,00 mm



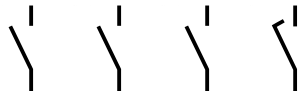
Wiring diagram

KG32.T304.KL51V



Switch program

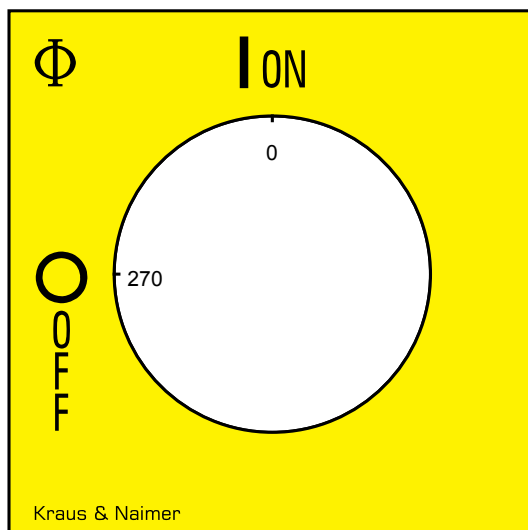
KG32.T304.KL51V

 Kraus & Naimer		KG32		T304		Page 1 of 1			
Face Plate									
		L1 1	L2 3	L3 5	N 7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 T1	4 T2	6 T3	8 N	10	12	14	16
0	270								
1	0								
	90								
	180								

Version: 94

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				
Tension (V) AC / DC				
500 AC				
690 AC				
Courant ininterrompu et thermique conventionnel lu/lth				
Intensité (A)	Température Ambiante (°)	Température Maxi (°)	Spécification complémentaire	
10	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C	
16	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C	
Courant assigné d'emploi le				
Catégorie d'emploi	Tension (V)			Intensité (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				
Tension (V) AC / DC				
600 AC				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
600 AC				
Rated thermal current				
Intensité (A)		Température Ambiante (°) Additional Text		
10		0 - 40 --		
Pilot duty rating code				
Duty Code				
A600				
General Use				
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles No. of contacts in series
AC	600	10	1	1 1
GENERAL TECHNICAL INFORMATION				
Tightening torque of screws				
tightening torque (Nm)			tightening torque (lb-in)	
0,60			5	
Stripping length				
Length (mm) --				
6 STRIPPINGLENGTH				
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	0,5mm²	Copper
solid wire	Min.	2	0,5mm²	Copper
flexible wire	Min.	1	0,75mm²	Copper
flexible wire	Min.	2	0,75mm²	Copper
flexible wire	Max.	2	AWG 16	Copper
flexible wire	Max.	2	1,5mm²	Copper
Single-core or stranded wire	Max.	2	AWG 14	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
Single-core or stranded wire	Max.	2	1,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm²	Copper
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
Recommandations concernant le tournevis				
Type	Value			
Tournevis cruciforme	PH1			
Slot screwdriver according to DIN 5264	0,6x3,5			
General Information				
Text				
- Ne jamais lubrifier ou traiter les contacts. - Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur. - Use copper wire only. Do not coat the wire end with tin.				
13 21  14 22				