



### Sample image

## **Datasheet**

Article number: 70019028

**Designation:** KG64.T104/33.KL11V **Description:** Switch Global Disconnector

Rated insulation voltage Ui							
			Voltage (V) AC / D	OC:			
			690 AC	,,,			
Rated uninterrupted current	t lu/lth						
Current (A)	Ambient temperature (°C)	Peak temperatur	re (°C) additional re	eauirements			
63	50				during 24 hours v	vith peaks up to +55°C	
Rated operational current le							
Jtilization category				Vo	Itage (V)		Current (
AC-32A					20 - 400		(
ated operational power							
Itilization category		Voltage (V)	N.	lo. of phases		No. of poles	Power (kl
/C-3		220 - 240		, 3		3	` ,
/C-3		380 - 440		3		3	18,
AC-3		660 - 690		3		3	· ·
AC-23A		220 - 240		3		3	
AC-23A		380 - 440		3		3	:
AC-23A		660 - 690		3		3	18,
Max. Fuse rating IEC							
Fuse characteristic					No. of Fu	ises	Current (
gG						1	1
UL60947-4-1 , UL508	<u>——</u> Я			<u></u>			
Nominal Voltage	<u>5</u>						
Nonina voltage			Voltage (V) AC / D	nC .			
			Voltage (V) AO, D	,,			
			600 AC				
Pated insulation voltage Ui			600 AC				
Rated insulation voltage Ui			-	00			
Rated insulation voltage Ui			Voltage (V) AC / D	DC .			
			-	OC .			
-	Current (		Voltage (V) AC / D 600 AC		ture (°C) Additio	nnal Text	
Rated insulation voltage Ui	Current (	(A)	Voltage (V) AC / D 600 AC	OC  Ambient tempera		ınal Text	
Rated thermal current			Voltage (V) AC / D 600 AC		nture (°C) Additio 0 - 40	nal Text	
Rated thermal current Horsepower rating	ė	(A)	Voltage (V) AC / D 600 AC	Ambient tempera	0 - 40		Ambient temperature [
	ė	(A)	Voltage (V) AC / D 600 AC			onal Text Power (HP) 3	
Rated thermal current  Horsepower rating  Across-the-Line Motor Startii	ė	(A)	Voltage (V) AC / D 600 AC  Voltage (V)	Ambient tempera	0 - 40 No. of poles	Power (HP)	Ambient temperature [
Rated thermal current  Horsepower rating  Across-the-Line Motor Startii  DOL	ė	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120	Ambient tempera  No. of phases	0 - 40 No. of poles 2	Power (HP) 3 7,50	
Rated thermal current  Horsepower rating Across-the-Line Motor Startii DOL DOL DOL	ė	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240	Ambient tempera  No. of phases 1 1	0 - 40  No. of poles  2  2	Power (HP)	
Rated thermal current  Horsepower rating Across-the-Line Motor Startii DOL DOL DOL DOL	ė	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240 277 - 277	Ambient tempera  No. of phases 1 1	0 - 40  No. of poles  2  2  2	Power (HP) 3 7,50 7,50	
Rated thermal current  Horsepower rating Across-the-Line Motor Startin DOL DOL DOL DOL DOL DOL	ė	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415	Ambient tempera  No. of phases 1 1 1 1	0 - 40  No. of poles  2 2 2 2	Power (HP) 3 7,50 7,50 10	
Rated thermal current  Horsepower rating Across-the-Line Motor Startin DOL	i	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480	Ambient tempera  No. of phases 1 1 1 1	No. of poles 2 2 2 2 2 2	Power (HP) 3 7,50 7,50 10 15	
Rated thermal current  Horsepower rating Across-the-Line Motor Startii DOL	i	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600	No. of phases  1 1 1 1 1 1	0-40  No. of poles 2 2 2 2 2 2 2 2	Power (HP) 3 7,50 7,50 10 15	
Rated thermal current  Horsepower rating  Across-the-Line Motor Startii  DOL  DOL	i	(A)	Voltage (V) AC / D 600 AC Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120	No. of phases  1 1 1 1 1 3	0-40  No. of poles 2 2 2 2 2 2 2 3	Power (HP) 3 7,50 7,50 10 15 15	
Rated thermal current  Horsepower rating  Across-the-Line Motor Startii  DOL  DOL  DOL  DOL  DOL  DOL  DOL  D	i	(A)	Voltage (V) AC / D 600 AC Voltage (V) 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) 3 7,50 7,50 10 15 5 15	
Horsepower rating Across-the-Line Motor Startin DOL	i	(A)	Voltage (V) AC / D 600 AC  Voltage (V) 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  3  3  3	0-40 -  No. of poles 2 2 2 2 2 2 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 15 5 15 20	Ambient temperature
Rated thermal current  Horsepower rating Across-the-Line Motor Startii DOL	i	(A)	Voltage (V) AC / D 600 AC  Voltage (V) 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 3 3 3 3 3	0-40  No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 15 20 30	Ambient temperature
Rated thermal current  Horsepower rating Across-the-Line Motor Startii DOL	i	(A)	Voltage (V) AC / D 600 AC  Voltage (V) 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 3 3 3 3 3	0-40  No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 3 7,50 7,50 10 15 15 15 20 30	Ambient temperature
Horsepower rating Across-the-Line Motor Startin DOL	ing se on circuits capable of delivering r	not more than 10kA rms	Voltage (V) AC / D 600 AC  Voltage (V) 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 rres, 600V ac max.	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected	Power (HP) 3 7,50 7,50 10 15 15 20 30 40	Ambient temperature
Horsepower rating Across-the-Line Motor Startin DOL	ing	not more than 10kA rms	Voltage (V) AC / D 600 AC  Voltage (V) 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 rres, 600V ac max.	No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected	Power (HP) 3 7,50 7,50 10 15 15 20 30 40	Ambient temperature

### AC General Information Text

General Use AC / DC AC AC

Voltage (V)

277

600

600

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.

No. of poles

2

Current (A) Text

No. of contacts in series

Temperature rating (°C) 60 - 75

60

60

60

No. of phases

Current (A)



General Information	on								
Text									
	or use as a motor dis	sconnector the device s	shall be provided with a met	thod of being locked in the	OFF-position.				
CSA									
Nominal Voltage				10.12.12.1					
				Voltage (V) AC / DC 600 AC					
Rated insulation v	oltage Ui			000 AC					
ratea modiation v	ortage or			Voltage (V) AC / DC					
				600 AC					
Rated thermal cur	rent								
		Currer	` '	Ambiei	nt temperature (	°C) Additiona 40	al Text		
Horsepower rating	,		60		0 -	40			
Across-the-Line Me				Voltage (V) No. o	of phases No.	of poles	Power (HP)	Ambient tempe	erature [°C]
DOL	3			110 - 120	1	2	3	,	40
DOL				220 - 240	1	2	7,50		40
DOL				277 - 277	1	2	7,50		40
DOL DOL				415 - 415 440 - 480	1 1	2	10 15		40 40
DOL				110 - 120	3	3	5		40
DOL				220 - 240	3	3	15		40
DOL				415 - 415	3	3	20		40
DOL				440 - 480	3	3	30		40
DOL				550 - 600	3	3	40		40
Temp. rating of wi	ire	Tamanagatana	(%0)		0	(A) Total			
		Temperature rating	75		Current	(A) Text			
General Use			, ,						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles				No. of contact	ts in series
AC	277	60	. 1	1					1
AC	600	60	1	2					1
AC	600	60	3	3					1
<b>GENERAL TEC</b>	CHNICAL INFO	RMATION							
Size of conductor									
		Adim /	May value	No of conductor	C	ross section ( AWG/kcmil)	mm²) or	Material of the wire	
composition of cor solid wire	nauctor	Min. /	Max. value	No. of conductor		.75mm²		Material of the wire Copper	
solid wire		Min.				.5mm²		Copper	
flexible wire		Max.				WG 6		Copper	
flexible wire		Min.				.5mm²		Copper	
flexible wire		Max.				0mm²		Copper	
flexible wire		Min.				.5mm²		Copper	
Single-core or stra		Max.				.WG 6 6mm²		Copper	
Single-core or stra flexible wire with s		Max. Max.				Omm²		Copper Copper	
	errule according to [					.75mm²		Copper	
	errule according to [					.5mm²		Copper	
Stripping length									
			Le	ength (mm)					
				12					
Recommended sc				Mahar					
Cross Screwdriver				Value PH2					
	ccording to DIN 526	4		1,2x6,5					
Tightening torque				.,,=					
			tightening t					tightening to	
A b				1,80					16
Approbations Specification									Marking
Specification									-
									EHE
EAC									LIIL
CE marking									CE
oz manung									
									UK
UK Directives									LH
									a.
CSA C.22.2 No.14									<b>(1)</b> ®
CD/T14040 0									GB/T14048.3
GB/T14048.3 General Information	on.								GB/T14048.3
Text	VIII								
	levice is suitable for	use in environment A	and B						
	ictice is suitable 101	ase in criviroliniciil A	and D.						



#### General Information

Text

- 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 Description

Picture name Descript

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

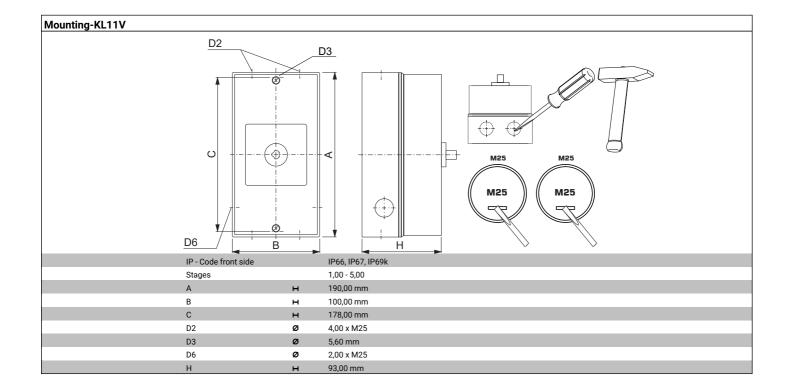
cture name

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





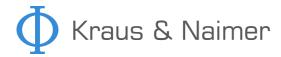
# Wiring diagram KG64.T304.KL11V

L1 L2 L3 N	
T1 T2 T3 N	



# Switch program KG64.T304.KL11V

$\mathbf{A}_{\mathbf{A}}$	0. N.								
Traus & Naimer			KG6	KG64 T304 Pag			Page	e 1 of 1	
Face F	Plate								
1	_	L1 1	L2 3	L3 5	N 7	9	11	13	15
					•	!			
0 -270	90 —	χ1	χ1	χ1	را				
180				\	\				
		•	•	•	•				
Switching Angle	90	2	4	6	8	10	12	14	16
Total switching Angl	e 90 270	T1	T2	Т3	N				
	270								
1	0								
					-				
	90								
	180								
								Ver	sion: 94



# Face plate s1.F656/C10.V9

