



Sample image

Datasheet

Article number: 70011284

Designation: KG41.T104/33.KL11V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			690 AC			
Rated uninterrupted current Iu/Ith						
Current (A)		Ambient temperature (°C)		Peak temperature (°C) additional requirements		
40		50		55 Ambient temperature +50°C during 24 hours with peaks up to +55°C		
Rated operational current Ie						
Utilization category			Voltage (V)		Current (A)	
AC-32A			20 - 400		40	
Rated operational power						
Utilization category		Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3		220 - 240	3	3	7,50	
AC-3		380 - 440	3	3	11	
AC-3		660 - 690	3	3	11	
AC-23A		220 - 240	3	3	7,50	
AC-23A		380 - 440	3	3	15	
AC-23A		660 - 690	3	3	15	
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		50	
UL60947-4-1 , UL508						
Nominal Voltage						
			Voltage (V) AC / DC			
			600 AC			
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			600 AC			
Rated thermal current						
		Current (A)		Ambient temperature (°C) Additional Text		
		42		0 - 40 -		
Horsepower rating						
<i>Across-the-Line Motor Starting</i>		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	2	40
DOL		220 - 240	1	2	5	40
DOL		277 - 277	1	2	7,50	40
DOL		415 - 415	1	2	7,50	40
DOL		440 - 480	1	2	10	40
DOL		550 - 600	1	2	10	40
DOL		110 - 120	3	3	5	40
DOL		220 - 240	3	3	15	40
DOL		415 - 415	3	3	15	40
DOL		440 - 480	3	3	25	40
DOL		550 - 600	3	3	30	40
Pilot duty rating code						
Duty Code						
A600						
SCCR / Max. fuse rating						
<i>Conditions of acceptability</i>						
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 600V max., when protected by 60A Class J fuses.						
Temp. rating of wire						
			Temperature rating (°C)		Current (A) Text	
			60 - 75		-- --	
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	42	1	1	1	

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	42	1	2	1
AC	600	42	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	
Voltage (V)	AC / DC
600	AC

Rated insulation voltage Ui	
Voltage (V)	AC / DC
600	AC

Rated thermal current		
Current (A)	Ambient temperature (°C)	Additional Text
40	0 - 40	--


Horsepower rating					
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL	110 - 120	1	2	2	40
DOL	220 - 240	1	2	5	40
DOL	277 - 277	1	2	7,50	40
DOL	415 - 415	1	2	7,50	40
DOL	440 - 480	1	2	10	40
DOL	550 - 600	1	2	10	40
DOL	110 - 120	3	3	5	40
DOL	220 - 240	3	3	15	40
DOL	415 - 415	3	3	15	40
DOL	440 - 480	3	3	25	40
DOL	550 - 600	3	3	30	40

Temp. rating of wire	
Temperature rating (°C)	Current (A) Text
75	--

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	40	1	1	1
AC	600	40	1	2	1
AC	600	40	3	3	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.	2	0.75mm ²	Copper
Solid wire	Min.	1	1.5mm ²	Copper
Flexible wire	Max.	1	AWG 6	Copper
Flexible wire	Min.	1	2.5mm ²	Copper
Flexible wire	Max.	1	10mm ²	Copper
Flexible wire	Min.	2	1.5mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 6	Copper
Single-core or stranded wire	Max.	1	16mm ²	Copper
Flexible wire with sleeve	Max.	1	10mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	2	0.75mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	1.5mm ²	Copper

Stripping length	
Length (mm)	--
12	

Recommended screw driver	
Type of screw driver	Value
Cross Screwdriver	PH2
Slot screwdriver according to DIN 5264	1,2x6,5

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	1,80	16

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

General Information

Text

- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan.

General Information

Text

- EMC Note: This device is suitable for use in environment A and B.
- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.
- After wiring, ALL terminal screws must be tightened to the specified torque values.
- Het gebruik van een extra apparaat kan de beschermingsklasse van de gekozen bouwvorm beïnvloeden.
- 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.

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



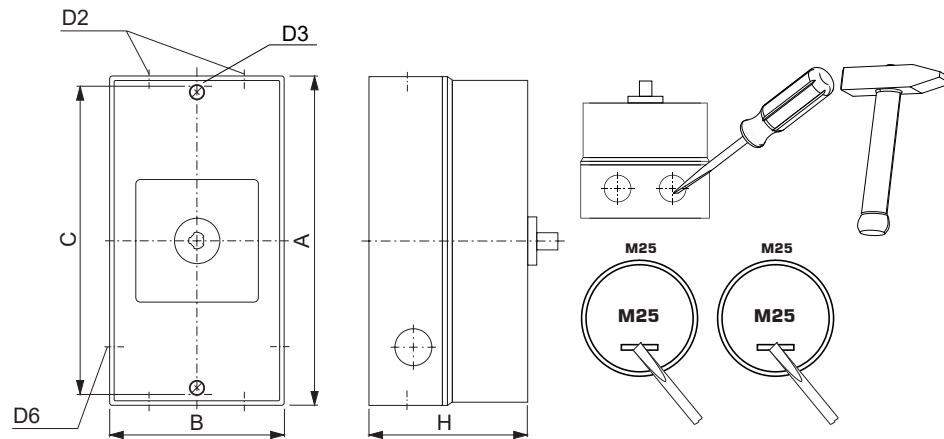
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

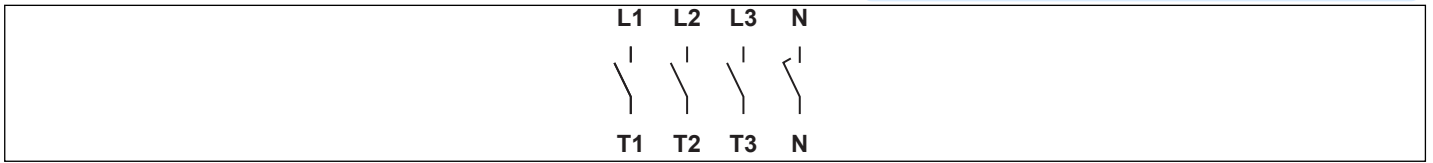
Mounting-KL11V



IP - Code front side	IP66, IP67, IP69k
Stages	1,00 - 5,00
A	H 190,00 mm
B	H 100,00 mm
C	H 178,00 mm
D2	Ø 4,00 x M25
D3	Ø 5,60 mm
D6	Ø 2,00 x M25
H	H 93,00 mm


Wiring diagram

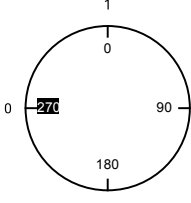
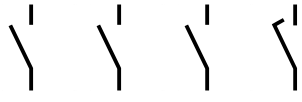
KG41.T304.KL11V



Switch program

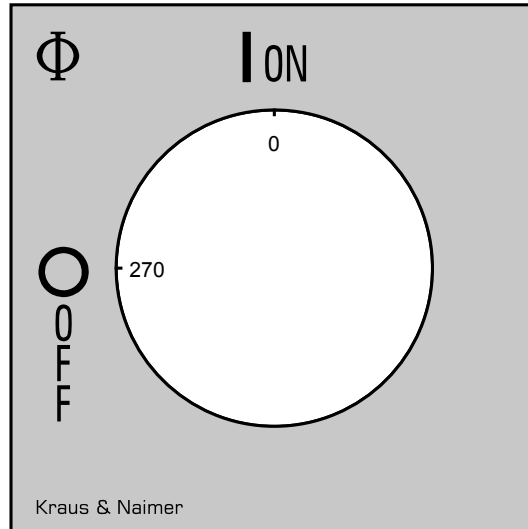
KG41.T304.KL11V

 Kraus & Naimer

	KG41	T304	Page 1 of 1					
Face Plate								
	L1	L2	L3	N				
	1	3	5	7	9	11	13	
								
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>	2	4	6	8	10	12	14	
	T1	T2	T3	N				
0	270							
1	0	█	█	█	█			
	90							
180								
Version: 95								

Face plate

S1.F656/C10.V9



HANDLES

Designation: S1B.G841
Handle colour: "1" black

GENERAL TECHNICAL INFORMATION

Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x5,5