



Sample image

Datasheet

Article number: 70010220

Designation: KG41.T203/33.KL11V

Description: Switchgear

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			690 50/60Hz			
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						
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
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 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	
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.						

General Information						
Text						
- 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 (mm²) or (AWG/kcmil)		Material of the wire
Solid wire	Min.		2	0.75mm²		Copper
Solid wire	Min.		1	1.5mm²		Copper
Flexible wire	Max.		1	AWG 6		Copper
Flexible wire	Min.		1	2.5mm²		Copper
Flexible wire	Max.		1	10mm²		Copper
Flexible wire	Min.		2	1.5mm²		Copper
Single-core or stranded wire	Max.		1	AWG 6		Copper
Single-core or stranded wire	Max.		1	16mm²		Copper
Flexible wire with sleeve	Max.		1	10mm²		Copper
Flexible wire with ferrule according to DIN 46228	Min.		2	0.75mm²		Copper
Flexible wire with ferrule according to DIN 46228	Min.		1	1.5mm²		Copper
Stripping length						
			Length (mm) --			
						
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	
EAC						
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
CSA C.22.2 No.14						
GB/T14048.3						

General Information
Text

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- 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.
- The protection class of the selected mounting type may vary if optional extras are used.
- 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

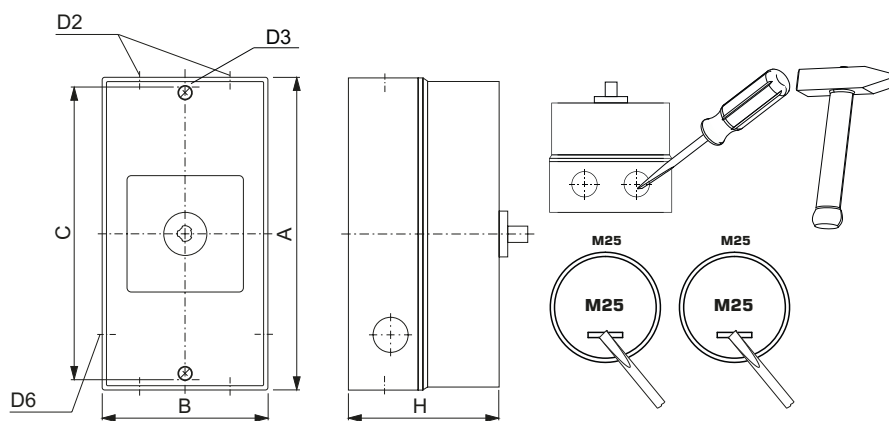
Proposition 65
Picture name
Description


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

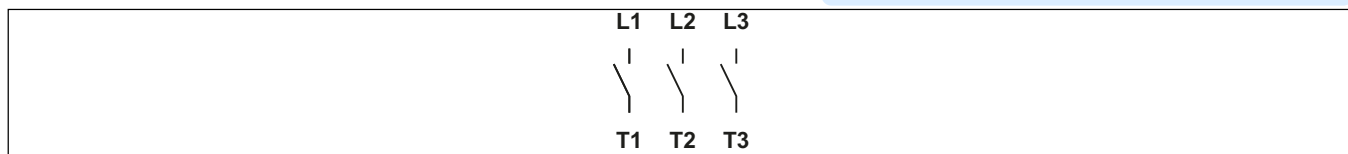
Classification Terminal: Screw terminal

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

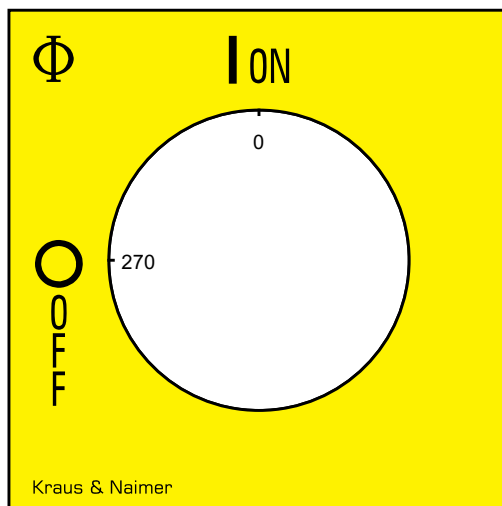
Wiring diagram

KG41.T303.KL11V



Face plate

S1.F656/E10.V9



HANDLES

Designation: S1B.G842

Handle colour: "2" red

GENERAL TECHNICAL INFORMATION

Recommended screw driver

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