



Sample image

Datasheet

Article number: 70022575

Designation: KF20.T203/33.KT11V

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			
20	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C			
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	3,50		
AC-3	380 - 440	3	3	6,50		
AC-3	660 - 690	3	3	5,50		
AC-3	220 - 240	1	2	2		
AC-3	380 - 440	1	2	3,20		
AC-23A	220 - 240	3	3	5,50		
AC-23A	380 - 440	3	3	10		
AC-23A	660 - 690	3	3	15		
AC-23A	220 - 240	1	2	2,50		
AC-23A	380 - 440	1	2	4,50		
Max. Fuse rating IEC						
Fuse characteristic				No. of Fuses	Current (A)	
gG				1	35	
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	
		20	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	0,50	40	
DOL	220 - 240	1	2	1	40	
DOL	277 - 277	1	2	1,50	40	
DOL	415 - 415	1	2	3	40	
DOL	440 - 480	1	2	2	40	
DOL	550 - 600	1	2	2	40	
DOL	110 - 120	3	3	1	40	
DOL	220 - 240	3	3	2	40	
DOL	415 - 415	3	3	5	40	
DOL	440 - 480	3	3	5	40	
DOL	550 - 600	3	3	5	40	
Pilot duty rating code						
Duty Code						
A600						
SCCR / Max. fuse rating						
Conditions of acceptability						
Suitable for use on a circuit capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by a 40A J Class Fuse.						
Suitable for use on a circuit capable of delivering not more than 5kA rms symmetrical amperes, 600V ac max.						
Temp. rating of wire						
		Temperature rating (°C)	Current (A)		Text	
		75	--		--	
Connecting instructions						
Markings						
Break all lines.						

Connecting instructions
Markings

For use on a flat surface of a type 1 enclosure.

General Use

AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	20	1	2	1
AC	600	20	3	3	1

General Information
Text

- Warning! The opening of the branch-circuit protective device may be an indication that a fault current has been interrupted. To reduce the risk of fire or electric shock, current-carrying parts and other components of the controller should be examined and replaced if damaged. If burnout of the current element of an overload relay occurs, the complete overload relay must be replaced.
- When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.

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
Flexible wire	Max.	1	AWG 10	Copper
Flexible wire	Max.	1	4mm ²	Copper
Flexible wire	Min.	1	AWG 18	Copper
Flexible wire	Min.	1	0.5mm ²	Copper
Single-core or stranded wire	Max.	1	6mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 10	Copper
Single-core or stranded wire	Min.	1	AWG 18	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	0.75mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Max.	1	4mm ²	Copper

Stripping length

Length (mm) --


Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
1,25	11

Approbations
Specification


CE marking 

UK Directives


General Information
Text

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

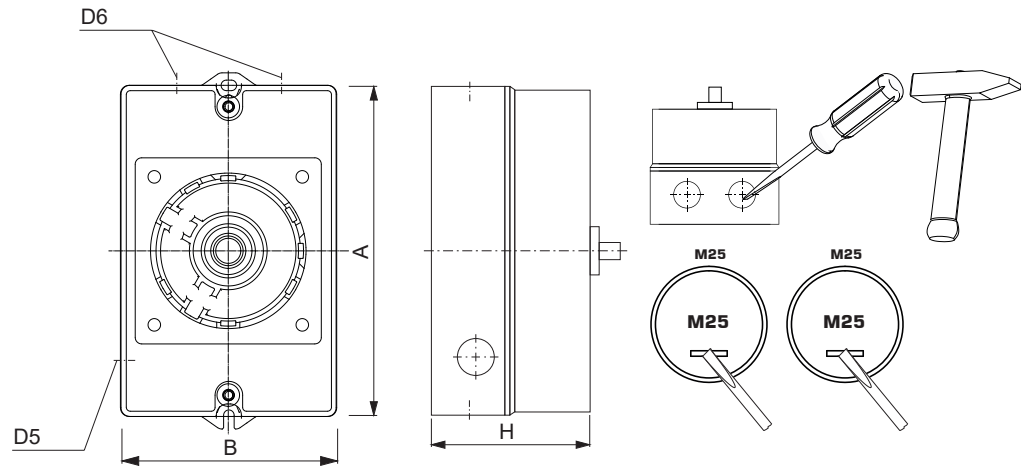
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

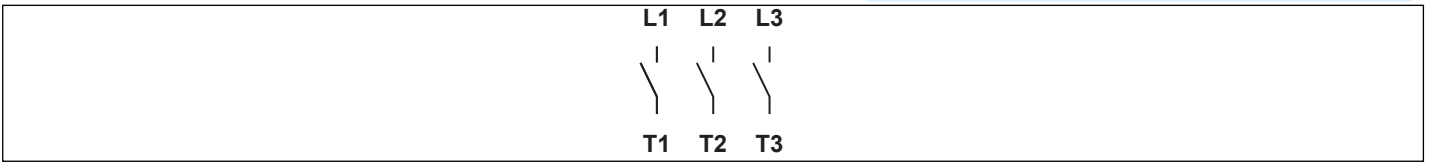
Mounting-KT11V




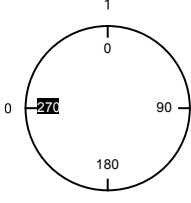

IP - Code front side	IP66, IP67, IP69k
Stages	2,00 - 6,00
A	H 132,00 mm
B	H 86,00 mm
D5	∅ 2,00 x M20
D6	∅ 4,00 x M25
H	H 64,00 mm

Wiring diagram

KF20.T303.KT11V

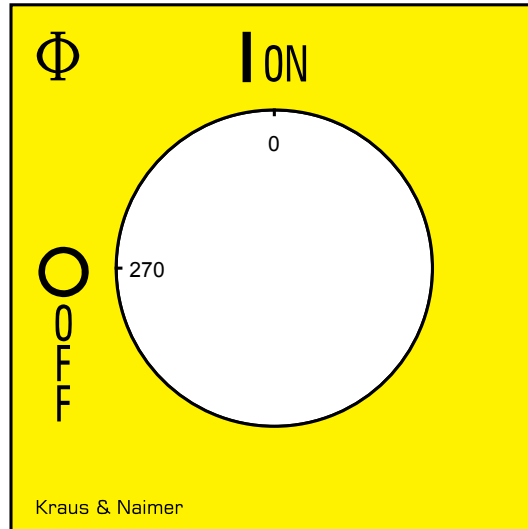


Switch program
KF20.T303.KT11V

 Kraus & Naimer		KF20	T303VE					Page 1 of 1		
Face Plate										
		L1 1	L2 3	L3 5	7	9	11	13	15	
										
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>		2 T1	4 T2	6 T3	8	10	12	14	16	
0	270									
1	0	█	█	█						
	90									
	180									
Version: 5										

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