

Sample image

Datasheet

Article number: 70026037

Designation: KF16.T202/01.E

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			
16	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		
AC-3	380 - 440	3	3	5,50		
AC-3	660 - 690	3	3	5,50		
AC-3	220 - 240	1	2	1,50		
AC-3	380 - 440	1	2	2,50		
AC-23A	220 - 240	3	3	4,50		
AC-23A	380 - 440	3	3	7,50		
AC-23A	660 - 690	3	3	13		
AC-23A	220 - 240	1	2	2		
AC-23A	380 - 440	1	2	3,70		
Max Fuse Rating IEC						
Fuse characteristic	No. of Fuses			Current (A)		
gG	1			25		
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		
16		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	0,33	40
DOL		220 - 240	1	2	0,75	40
DOL		277 - 277	1	2	1	40
DOL		415 - 415	1	2	1,50	40
DOL		440 - 480	1	2	1,50	40
DOL		550 - 600	1	2	1,50	40
DOL		110 - 120	3	3	1	40
DOL		220 - 240	3	3	2	40
DOL		415 - 415	3	3	3	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 5kA rms symmetrical amperes, 600V ac max.						
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.						
Temp. rating of wire						
Temperature rating (°C)			Current (A) Text			
75			-- --			
Connecting instructions						
Markings						
Break all lines.						
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	16	1	2	1	

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	16	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 disconnect the device shall be provided with a method of being locked in the OFF-position.

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	0.5mm²	Copper
flexible wire	Max.	1	AWG 10	Copper
flexible wire	Max.	1	4mm²	Copper
flexible wire	Min.	1	AWG 18	Copper
flexible wire	Min.	1	0.5mm²	Copper
Single-core or stranded wire	Max.	1	6mm²	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	0.75mm²	Copper
flexible wire with ferrule according to DIN 46228	Max.	1	4mm²	Copper

Approbations

Specification	Marking
EAC	
CE marking	
UK Directives	

Recommended screw driver

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

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)

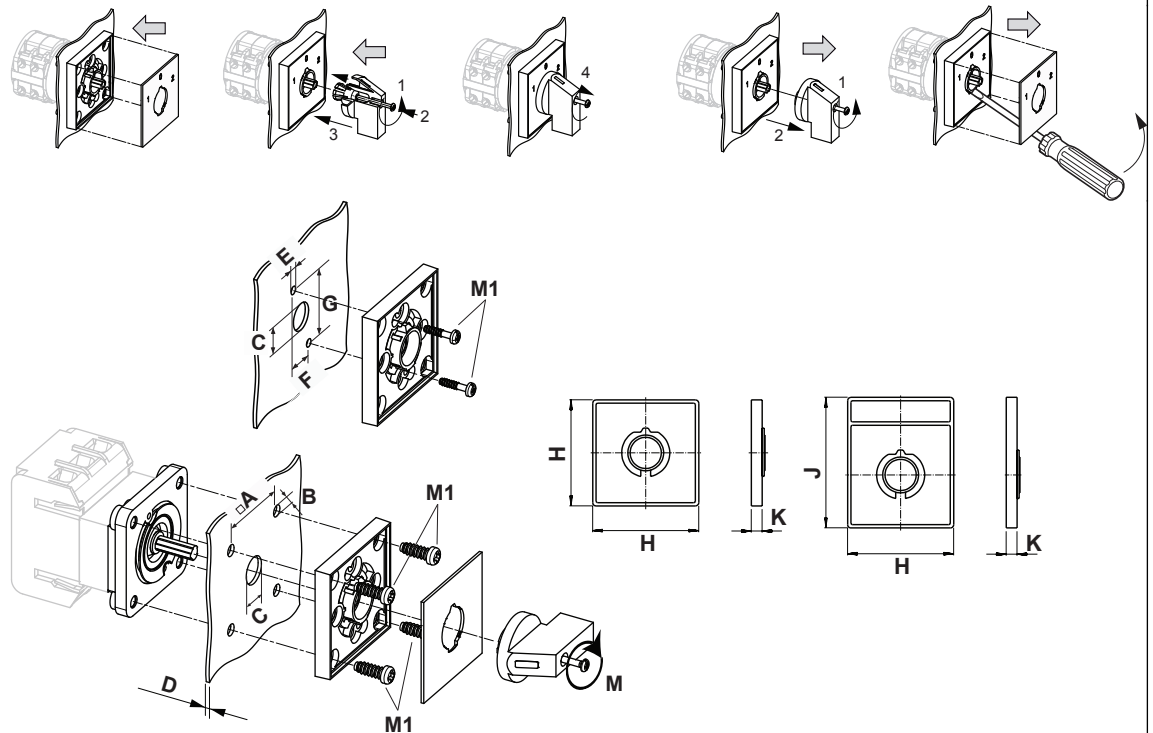
Picture name	Description
	Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company, return to the supplier for disposal, or return direct to the manufacturer, Kraus & Naimer. You can find 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

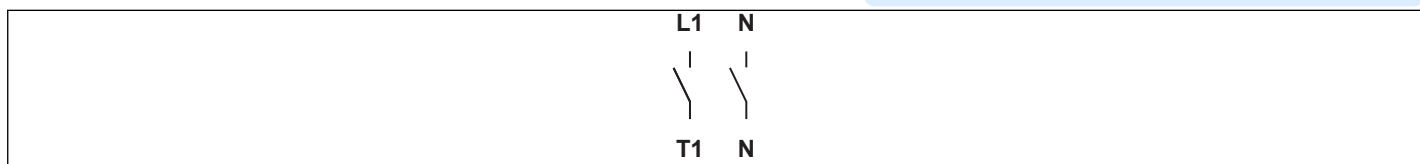
Mounting-E



IP - Code front side		IP66, IP67
Stages		1,00 - 12,00
A	□	36,00 mm
B	∅	5,00 mm
C	∅	10,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	3,50 mm
F	H	12,20 mm
G	H	30,00 mm
H	H	48,00 mm
J	H	59,00 mm
K	H	6,30 mm
M	M̂	0,50 Nm
M1	M̂	0,90 Nm

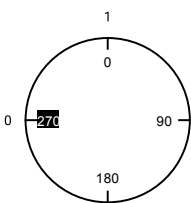
Wiring diagram

KF16.T302.E



Switch program

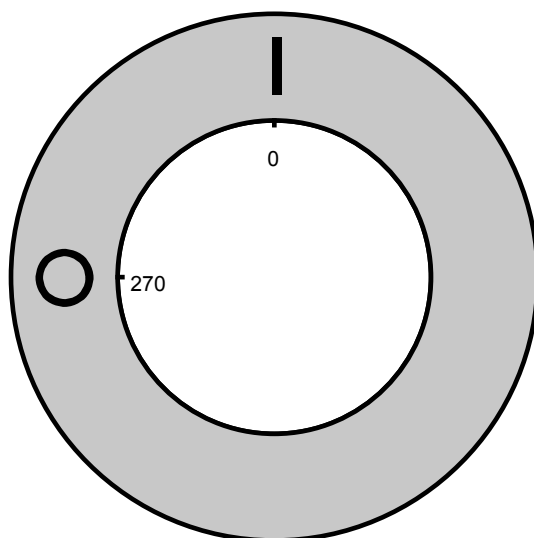
KF16.T302.E

 Kraus & Naimer		KF16 T302E Page 1 of 1							
Face Plate									
		L2	L1						
		1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		T2	T1						
0	270								
1	0								
	90								
	180								

Version: 6

Face plate

S0.F456/C10.V11





Sample image

PADLOCK DEVICE with F-handle ring for type of mounting E, EF, E22, FT, VE, GK, PN, PF, KS (S00)

Designation: S0.V840D/D6-E

Colour of F-handle ring: "D" red

Colour of face ring: "6" yellow

Type of mounting: "-E" for type of mounting E for KA40/KA63, KG20A/KG32A, KG41/KG64, KH(R)16-KH(R)25, KF16-KFD32

