



Sample image

Datasheet

Article number: 70019089

Designation: KG160.T204/01.E

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
Voltage (V) AC / DC					
1000 AC					
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
160	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		160	
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3	220 - 240	3	3	30	
AC-3	380 - 440	3	3	45	
AC-3	660 - 690	3	3	37	
AC-23A	220 - 240	3	3	30	
AC-23A	380 - 440	3	3	55	
AC-23A	660 - 690	3	3	37	
Max. Fuse rating IEC					
Fuse characteristic		No. of Fuses		Current (A)	
gG		1		160	
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		
	200	0 - 40	ON-OFF switch (Valid when connected with wire rated for 75°C)		
	160	0 - 40	Change over switch (Valid when connected with wire rated for 75°C)		
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	10	40
DOL	220 - 240	1	2	25	40
DOL	277 - 277	1	2	25	40
DOL	440 - 480	1	2	40	40
DOL	550 - 600	1	2	40	40
DOL	110 - 120	3	3	20	40
DOL	220 - 240	3	3	40	40
DOL	440 - 480	3	3	75	40
DOL	440 - 480	3	3	75	60
DOL	550 - 600	3	3	60	40
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 at 600V max., when protected by 300A Class J fuses.					
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	200	1	1	1
AC	600	200	1	2	1
AC	600	200	3	3	1
AC double-throw function	277	160	1	1	1
AC double-throw function	600	160	1	2	1

General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC double-throw function	600	160	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.						
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	
		200	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting				Voltage (V)	No. of phases	No. of poles
DOL				110 - 120	1	2
DOL				220 - 240	1	2
DOL				277 - 277	1	2
DOL				440 - 480	1	2
DOL				550 - 600	1	2
DOL				110 - 120	3	3
DOL				220 - 240	3	3
DOL				440 - 480	3	3
DOL				550 - 600	3	3
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	200	1	1	1	
AC	600	200	1	2	1	
AC	600	200	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.	1		6mm²		Copper
flexible wire	Max.	1		70mm²		Copper
flexible wire	Min.	1		16mm²		Copper
flexible wire	Max.	1		AWG 2/0		Copper
Single-core or stranded wire	Max.	1		95mm²		Copper
Single-core or stranded wire	Max.	1		AWG 3/0		Copper
flexible wire with sleeve	Max.	1		70mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	1		10mm²		Copper
Stripping length						
				Length (mm) --		
						
				18		
Recommended screw driver						
Type of screw driver				Value		
Hex key				5		
Tightening torque of screws						
				tightening torque (Nm)		tightening torque (lb-in)
				14		125
Approbations						
Specification						Marking
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- EMC Note: This device is suitable for use in environment A and B.						

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

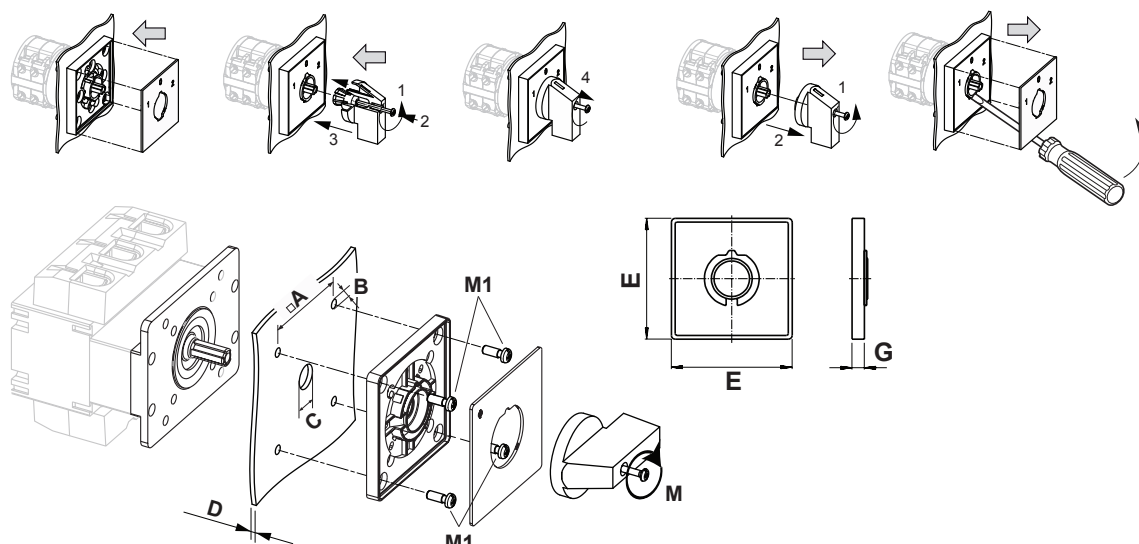
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

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	□ 68,00 mm
B	∅ 6,00 mm
C	∅ 13,00 - 17,00 mm
D	H ≤ 5,50 mm
E	H 88,00 mm
G	H 8,50 mm
M	M̄ 1,20 Nm
M1	M̄ 1,50 Nm

Switch program

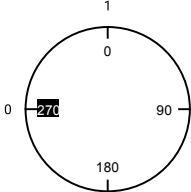
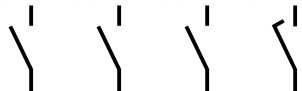
KG160.T304.E



Kraus & Naimer

KG160
T304

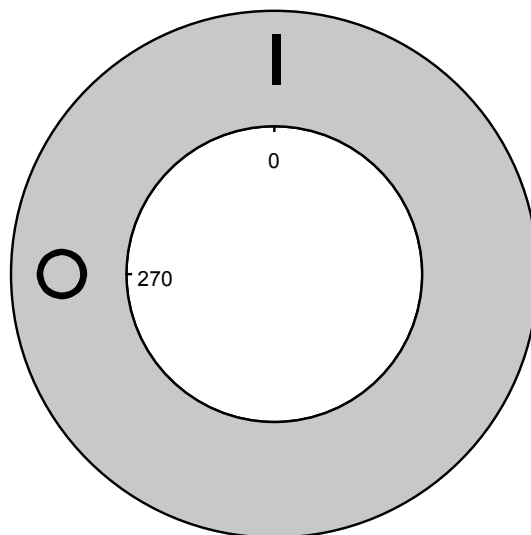
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Face Plate									
	1	1/L1	3/L2	5/L3	N				
	0	1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		2/T1	4/T2	6/T3	N				
0	270								
1	0	■	■	■	■				
	90								
	180								

Version: 84

Face plate

S2.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: S2.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 KG125/KG160, KG250/KG315

