



Sample image









## Datasheet

**Article number:** 70025927

**Designation:** CG4.A004.E

**Description:** Switch

<b>IEC 60947-3 EN 60947-3, VDE 0660 Teil 107</b>						
<b>Rated insulation voltage Ui</b>						
Voltage (V) AC / DC						
440 AC / DC						
<b>Rated uninterrupted current Iu/Ith</b>						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements			
10	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C			
<b>Rated operational current Ie</b>						
Utilization category						Current (A)
AC-15						220 - 240
AC-15						380 - 440
<b>Rated operational power</b>						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	1,50		
AC-3	380 - 440	3	3	2,20		
AC-3	220 - 240	1	2	0,55		
AC-3	380 - 440	1	2	0,75		
AC-23A	220 - 240	3	3	1,80		
AC-23A	380 - 440	3	3	3		
AC-23A	220 - 240	1	2	0,75		
AC-23A	380 - 440	1	2	1,10		
<b>Max. Fuse rating IEC</b>						
Fuse characteristic						Current (A)
gG						10
<b>UL60947-4-1, UL508</b>						
<b>Nominal Voltage</b>						
Voltage (V) AC / DC						
300 AC						
<b>Rated insulation voltage Ui</b>						
Voltage (V) AC / DC						
300 AC						
<b>Rated thermal current</b>						
Current (A)		Ambient temperature (°C)		Additional Text		
10		0 - 40		-		
<b>Horsepower rating</b>						
<b>Across-the-Line Motor Starting</b>						
	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	0,75	40	
DOL	110 - 120	3	3	0,75	40	
DOL	220 - 240	3	3	1	40	
<b>Pilot duty rating code</b>						
Duty Code						
A300						
<b>Temp. rating of wire</b>						
Temperature rating (°C)				Current (A) Text		
60 - 75				- Use copper wire only		
<b>General Use</b>						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	120	10	1	1	1	
AC	300	10	1	2	1	
AC	300	10	3	3	1	
<b>CSA</b>						
<b>Nominal Voltage</b>						
Voltage (V) AC / DC						
300 AC						
<b>Rated insulation voltage Ui</b>						
Voltage (V) AC / DC						
300 AC						

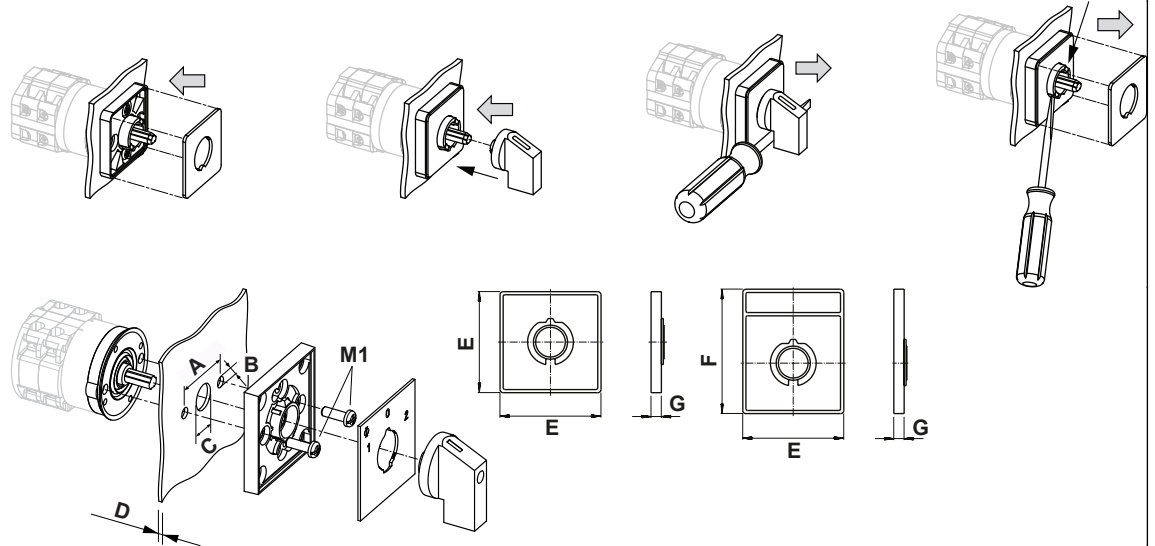
Rated thermal current						
		Current (A)	Ambient temperature (°C)		Additional Text	
		10	0 - 40		-	
Horsepower rating						
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	0,33	40
DOL		220 - 240	1	2	0,75	40
DOL		277 - 277	1	2	0,75	40
DOL		110 - 120	3	3	0,75	40
DOL		220 - 240	3	3	1	40
Pilot duty rating code						
Duty Code						
A300						
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	120	10	1	1	1	
AC	300	10	1	2	1	
AC	300	10	3	3	1	
GENERAL TECHNICAL INFORMATION						
Size of conductor						
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm <sup>2</sup> ) or (AWG/kcmil)		Material of the wire	
Solid wire	Min.	1	0.5mm <sup>2</sup>		Copper	
Solid wire	Min.	2	0.5mm <sup>2</sup>		Copper	
Flexible wire	Min.	1	0.75mm <sup>2</sup>		Copper	
Flexible wire	Min.	2	0.75mm <sup>2</sup>		Copper	
Flexible wire	Max.	2	AWG 16		Copper	
Flexible wire	Max.	2	1.5mm <sup>2</sup>		Copper	
Single-core or stranded wire	Max.	2	AWG 14		Copper	
Single-core or stranded wire	Max.	2	1.5mm <sup>2</sup>		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm <sup>2</sup>		Copper	
Flexible wire with ferrule according to DIN 46228	Max.	2	1mm <sup>2</sup>		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm <sup>2</sup>		Copper	
Stripping length						
Length (mm) --						
						
Recommended screw driver						
Type of screw driver		Value				
Cross Screwdriver		PH1				
Slot screwdriver according to DIN 5264		0,6x3,5				
Tightening torque of screws						
		tightening torque (Nm)			tightening torque (lb-in)	
		0,40			3,50	
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
<ul style="list-style-type: none"> <li>- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan.</li> <li>- 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.</li> <li>- After wiring, ALL terminal screws must be tightened to the specified torque values.</li> <li>- Het gebruik van een extra apparaat kan de beschermingsklasse van de gekozen bouwvorm beïnvloeden.</li> <li>- Do not lubricate or treat contacts.</li> <li>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</li> <li>- After installation of the switches between the terminals must be sufficient to fulfill the requirement of the applicable standards.</li> </ul>						
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 <a href="http://www.krausnaimer.com">www.krausnaimer.com</a>					
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .					

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

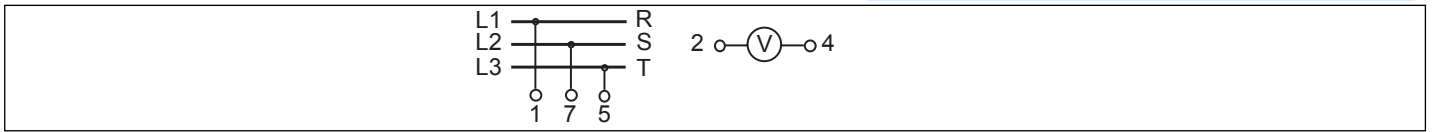
### Mounting-E



IP - Code front side		IP40
Stages		1,00 - 8,00
A	H	20,00 mm
B	Ø	3,20 mm
C	Ø	8,00 - 11,00 mm
D	H	<= 4,00 mm
E	H	30,00 mm
F	H	39,00 mm
G	H	5,50 mm
M1	M̄	0,40 Nm


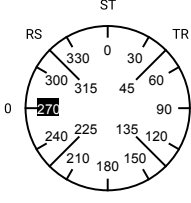
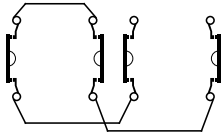
## Wiring diagram

CG4.A004.E



## Switch program

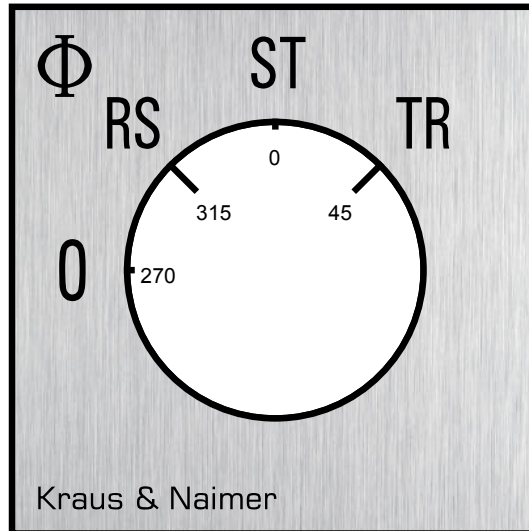
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 Kraus & Naimer		CG4		A004		E		Page 1 of 1					
		1	3	5	7	9	11	13	15	17	19	21	23
<b>Face Plate</b> 													
Switching Angle <input type="text" value="45"/> Total switching Angle <input type="text" value="135"/>		2	4	6	8	10	12	14	16	18	20	22	24
0													
270													
285													
300													
RS			■		■								
315													
330													
345													
ST				■	■								
0													
15													
30													
TR			■	■									
45													
60													
75													
90													
105													
120													
135													
150													
165													
180													
195													
210													
225													
240													
255													

Version: 43

**Face plate**

S00.F775/A1B.PE



## HANDLES

**Designation:** S00.G251  
**Handle colour:** "1" black

