



Sample image

Datasheet

Article number: 70012318

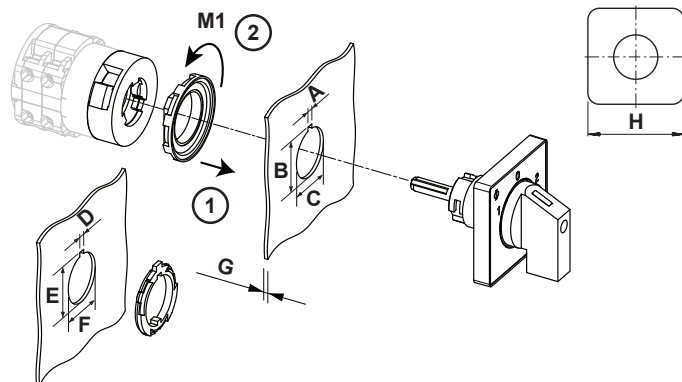
Designation: CG4.A291.FS2-V

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Märkdraftspänning Ui					
Spänning (V) AC / DC					
440 AC / DC					
Märkdraftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav			
10	55	60 Omginingstemperatur +55°C under 24 timmar med toppar upp till +60°C			
Märkdraftström Ie					
Urvals kriterie		Spänning (V)			Ström (A)
AC-15		220 - 240			2,50
AC-15		380 - 440			1,50
Märkdrafteffekt					
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (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
Max försäkring, IEC					
Säkringskaraktéristik				Antal säkringar	Ström (A)
gG				1	10
UL60947-4-1 , UL508					
Nominal Voltage					
Spänning (V) AC / DC					
300 AC					
Märkdraftspänning Ui					
Spänning (V) AC / DC					
300 AC					
Rated thermal current					
Ström (A)		Omgivningstemperatur (°C)		Additional Text	
10		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting		Spänning (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	0,33
DOL		220 - 240	1	2	0,75
DOL		277 - 277	1	2	0,75
DOL		110 - 120	3	3	0,75
DOL		220 - 240	3	3	1
Pilot duty rating code					
Duty Code					
A300					
Temp. rating of wire					
Temperature rating (°C)			Ström (A) Text		
60 - 75			-- Use copper wire only		
General Use					
AC / DC	Spänning (V)	Ström (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
CSA					
Nominal Voltage					
Spänning (V) AC / DC					
300 AC					
Märkdraftspänning Ui					
Spänning (V) AC / DC					
300 AC					

Rated thermal current						
Ström (A)			Omgivningstemperatur (°C)		Additional Text	
10			0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting		Spänning (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)			Ström (A)		Text	
75			--		--	
General Use						
AC / DC	Spänning (V)	Ström (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						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			0,40		3,50	
Stripping length						
			Length (mm) --			
			6 STRIPPINGLENGTH			
Size of conductor						
composition of conductor	Min. / Max. value		No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)	
solid wire	Min.		1		0,5mm²	
solid wire	Min.		2		0,5mm²	
flexible wire	Min.		1		0,75mm²	
flexible wire	Min.		2		0,75mm²	
flexible wire	Max.		2		AWG 16	
flexible wire	Max.		2		1,5mm²	
Single-core or stranded wire	Max.		2		AWG 14	
Single-core or stranded wire	Max.		2		1,5mm²	
flexible wire with ferrule according to DIN 46228	Max.		2		1mm²	
flexible wire with ferrule according to DIN 46228	Min.		1		0,5mm²	
flexible wire with ferrule according to DIN 46228	Min.		2		0,5mm²	
Material of the wire						
Copper						
Copper						
Copper						
Copper						
Copper						
Copper						
Copper						
Copper						
Copper						
Copper						
Approbations						
Specification						
Marking						
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
Typ av skruvmejsel			Value			
Stjärnskruvmejsel			PH1			
Slot screwdriver according to DIN 5264			0,6x3,5			
General Information						
Text						
- Smörjning och behandling av kontaktarna är förbjuden.						
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.						
- Använd endast koparkabel. Kabeln får inte förtennas.						
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.						
- Vid installation av strömställaren skall kontrolleras att kryp- och luftavstånd motsvarar gällande föreskrifter.						
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-FS2-V



Skyddsklass frontpanel, IP IP66, IP67, IP69k

Stages 1,00 - 8,00

A H 1,70 mm

A+_tol. H 0,20 mm

A-_tol. H 0,00 mm

B H 17,90 mm

B+_tol. H 0,20 mm

B-_tol. H 0,00 mm

C Ø 16,20 mm

C+_tol. Ø 0,20 mm

C-_tol. Ø 0,00 mm

D H 3,20 mm

D+_tol. H 0,20 mm

D-_tol. H 0,00 mm

E H 24,10 mm

E+_tol. H 0,40 mm

E-_tol. H 0,00 mm

F Ø 22,30 mm

F+_tol. Ø 0,40 mm

F-_tol. Ø 0,00 mm

G H ≤ 5,00 mm

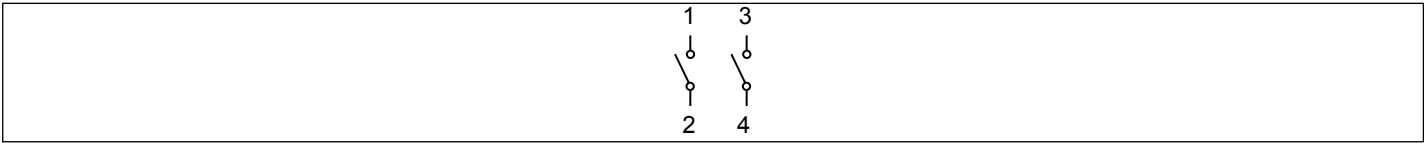
H H 30,00 mm

M1 M 0,70 Nm



Wiring diagram

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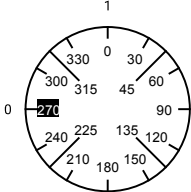
Switch program

CG4.A291.FS2-V



Kraus & Naimer

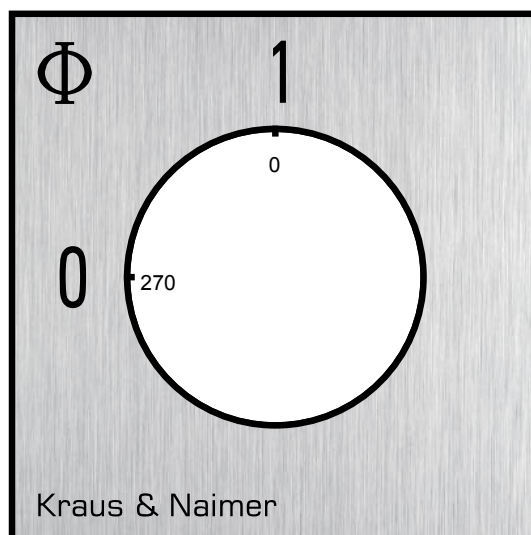
CG4
A291
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Face Plate														
		1	3	5	7	9	11	13	15	17	19	21	23	
		Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	18	20	22
0	270													
	285													
	300													
	315													
	330													
	345													
	1	0												
		15												
		30												
		45												
		60												
		75												
		90												
		105												
		120												
		135												
	150													
	165													
	180													
	195													
210														
225														
240														
255														

Version: 96

Face plate

S00.F056/A10.E1



HANDLES

Designation: S00.G251

Handle colour: "1" black

