

Sample image







Datasheet

Article number: 70014981

Designation: CH10.A290.FT2

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
690 AC / DC						
Märkdriftström vid konstant drift						
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)	ytterligare krav			
20	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C			
Märkdriftström Ie						
Urvals kriterie						
			Spänning (V)	Ström (A)		
AC-15			220 - 240	6		
AC-15			380 - 440	4		
Märkdrifteffekt						
Urvals kriterie						
	Spänning (V)	No. of phases	No. of poles	Effekt (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	2,20		
AC-3	380 - 440	1	2	3		
AC-23A	220 - 240	3	3	3,70		
AC-23A	380 - 440	3	3	7,50		
AC-23A	660 - 690	3	3	7,50		
AC-23A	220 - 240	1	2	2,50		
AC-23A	380 - 440	1	2	3,70		
Max försäkring, IEC						
Säkringskarakteristik						
gG						Ström (A)
1						25
UL60947-4-1 , UL508						
Nominal Voltage						
Spänning (V) AC / DC						
600 AC						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
600 AC						
Rated thermal current						
Ström (A)						
20						
Omgivningstemperatur (°C) Additional Text						
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	0,50	40	
DOL	220 - 240	1	2	1	40	
DOL	277 - 277	1	2	2	40	
DOL	440 - 480	1	2	2	40	
DOL	550 - 600	1	2	2	40	
DOL	110 - 120	3	3	1,50	40	
DOL	220 - 240	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						
These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 600V ac max. when protected by Class RK1 fuses.						
Temp. rating of wire						
Temperature rating (°C)						
60 - 75						
Ström (A) Text						
-- Use copper wire only						
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	
AC	600	20	1	2	1	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	20	3	3	1
CSA					
Nominal Voltage					
			Spänning (V) AC / DC		
			600 AC		
Märkdriftspänning UI					
			Spänning (V) AC / DC		
			600 AC		
Rated thermal current					
		Ström (A)	Omgivningstemperatur (°C)		Additional Text
		20	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	0,50	40
DOL	220 - 240	1	2	1	40
DOL	277 - 277	1	2	2	40
DOL	440 - 480	1	2	2	40
DOL	550 - 600	1	2	2	40
DOL	110 - 120	3	3	1,50	40
DOL	220 - 240	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					
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	277	20	1	1	1
AC	600	20	1	2	1
AC	600	20	3	3	1
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	0,75mm ²		Copper
solid wire	Min.	2	0,75mm ²		Copper
flexible wire	Min.	1	0,75mm ²		Copper
flexible wire	Min.	2	0,75mm ²		Copper
flexible wire	Max.	2	AWG 12		Copper
flexible wire	Max.	2	2,5mm ²		Copper
Single-core or stranded wire	Max.	2	AWG 10		Copper
Single-core or stranded wire	Max.	2	4mm ²		Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,75mm ²		Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,75mm ²		Copper
flexible wire with ferrule according to DIN 46228	Max.	2	2,5mm ²		Copper
Stripping length					
Length (mm) --					
					
Rekomenderad skruvmejsel					
Typ av skruvmejsel		Value			
Stjärnskruvmejsel		PH1			
Slot screwdriver according to DIN 5264		0,8x4			
Tightening torque of screws					
			tightening torque (Nm)	tightening torque (lb-in)	
			1	9	
Approbations					
Specification					Marking
EAC					
CE marking					
UK Directives					
CSA C.22.2 No.14					
GB/T14048.3					
General Information					
Text					
- Smörjning och behandling av kontaktarna är förbjuden.					


General Information

Text

- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.
- Alla anslutningskruvar 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

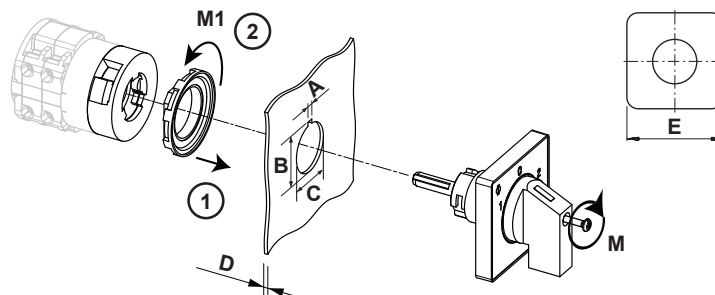
 WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

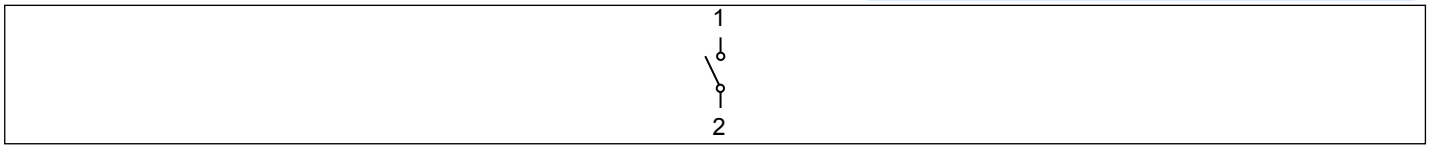
Mounting-FT2



Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	H	3,20 mm
A+_tol.	H	0,20 mm
A-_tol.	H	0,00 mm
B	H	24,10 mm
B+_tol.	H	0,40 mm
B-_tol.	H	0,00 mm
C	Ø	22,30 mm
C+_tol.	Ø	0,40 mm
C-_tol.	Ø	0,00 mm
D	H	<= 6,00 mm
E	□	48,00 mm
M	↺	0,50 Nm
M1	↺	1,80 Nm


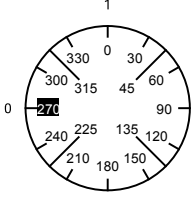
Wiring diagram

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Switch program

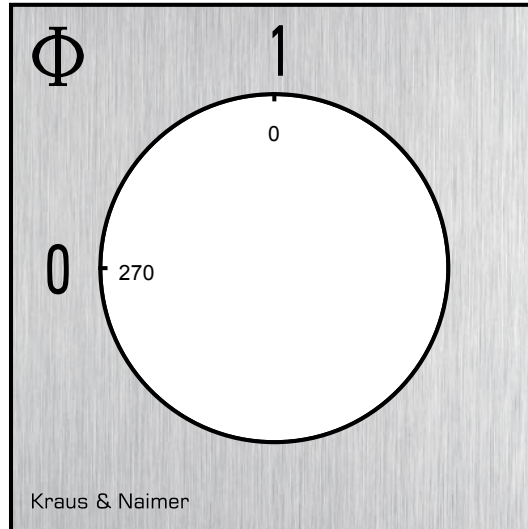
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 Kraus & Naimer		CH10	A290	E	Page 1 of 1								
Face Plate													
		1	3	5	7	9	11	13	15	17	19	21	23
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>		2	4	6	8	10	12	14	16	18	20	22	24
0	270												
	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: 81

Face plate

S0.F056/A10.E1L



HANDLES

Designation: S0C.G251
Handle colour: "1" black

