






Sample image

Datasheet

Article number: 70014321
Designation: CH10.A201.EF
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							
Säkringskaraktäristik							
gG					Antal säkringar	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						
Tightening torque of screws						
			tightening torque (Nm)	tightening torque (lb-in)		
			1	9		
Stripping length						
			Length (mm)	--		
			9 STRIPPINGLENGTH			
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	
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			0,8x4			
General Information						
Text						
- Smörjning och behandling av kontakterna 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

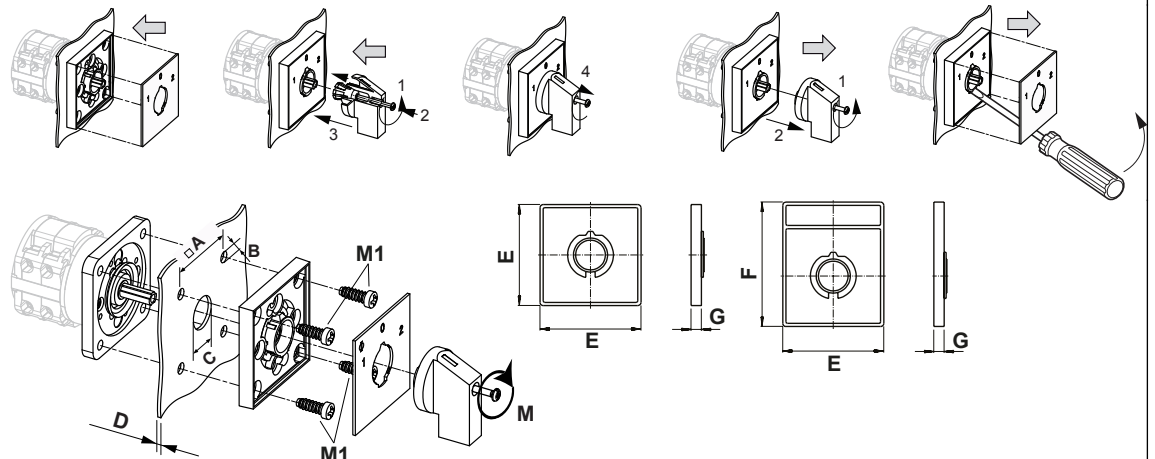
 WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

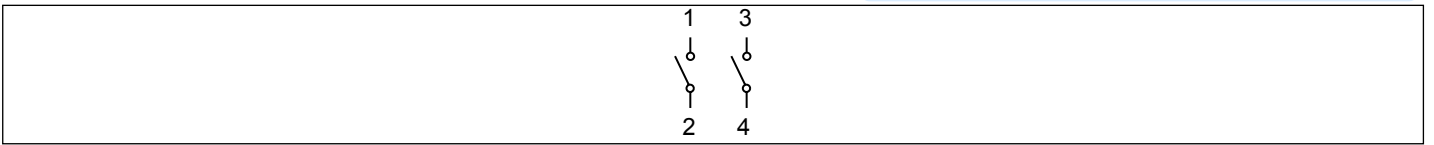
Mounting-EF



Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	□	36,00 mm
B	∅	5,00 mm
C	∅	15,00 - 19,00 mm
D	H	<= 4,00 mm
E	H	48,00 mm
F	H	59,00 mm
G	H	6,70 mm
M	↻	0,50 Nm
M1	↻	0,90 Nm


Wiring diagram

CH10.A201.EF



Switch program

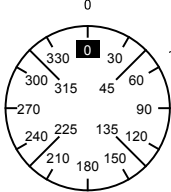
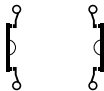
CH10.A201.EF



CH10

A201

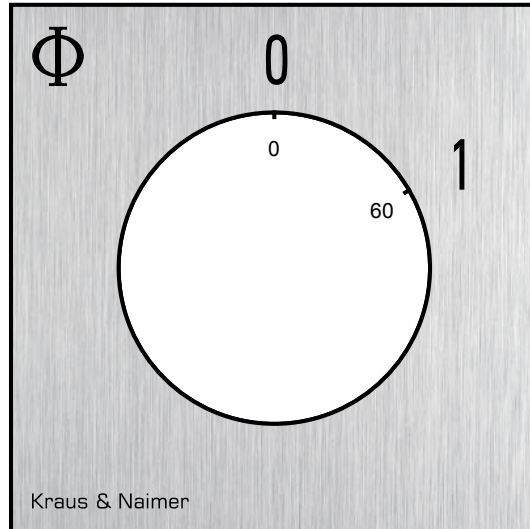
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Face Plate	1	3	5	7	9	11	13	15	17	19	21	23
												
Switching Angle <input style="width: 40px;" type="text" value="60"/> Total switching Angle <input style="width: 40px;" type="text" value="60"/>	2	4	6	8	10	12	14	16	18	20	22	24
0												
15												
30												
45												
1	60	60										
75												
90												
105												
120												
135												
150												
165												
180												
195												
210												
225												
240												
255												
270												
285												
300												
315												
330												
345												

Version: 118

Face plate

S0.F070/A1B.PEL



HANDLES

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

