



Sample image

Datasheet

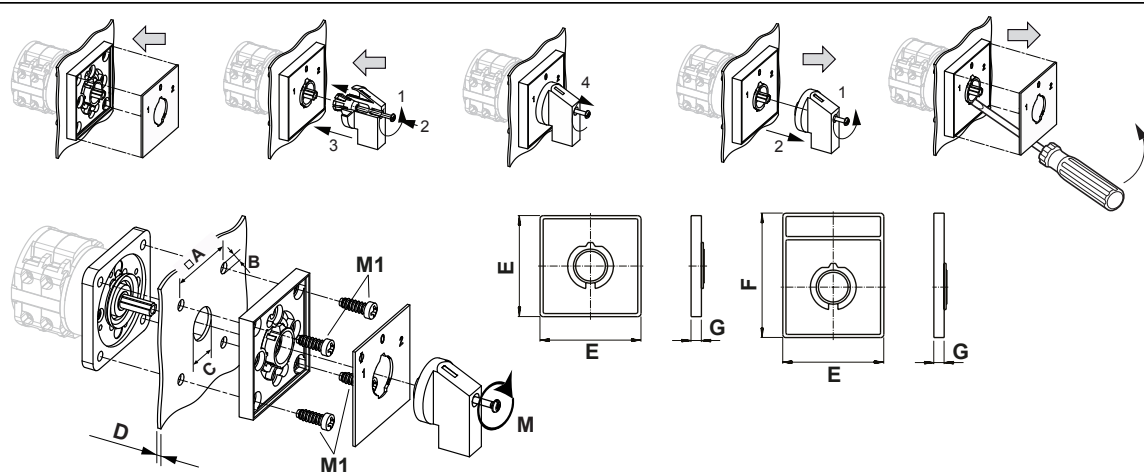
Article number: 70005144
Designation: CA20.A203.EF
Description: Switch

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		
25	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		8	
AC-15		380 - 440		5	
Märkdrifteffekt					
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (kW)	
AC-3	220 - 240	3	3	4	
AC-3	380 - 440	3	3	7,50	
AC-3	660 - 690	3	3	7,50	
AC-3	220 - 240	1	2	3	
AC-3	380 - 440	1	2	3,70	
AC-23A	220 - 240	3	3	5,50	
AC-23A	380 - 440	3	3	11	
AC-23A	660 - 690	3	3	11	
AC-23A	220 - 240	1	2	3	
AC-23A	380 - 440	1	2	5,50	
Max försäkring, IEC					
Säkringskaraktäristik			Antal säkringar	Ström (A)	
gG			1	35	
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)		Omgivningstemperatur (°C) Additional Text			
30		0 - 40 --			
Horsepower rating					
Across-the-Line Motor Starting	Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
Reversing	110 - 120	1	2	0,33	40
Reversing	220 - 240	1	2	0,75	40
Reversing	277 - 277	1	2	1	40
Reversing	415 - 415	1	2	1,50	40
Reversing	440 - 480	1	2	2	40
Reversing	550 - 600	1	2	2	40
Reversing	110 - 120	3	3	1	40
Reversing	220 - 240	3	3	2	40
Reversing	415 - 415	3	3	3	40
Reversing	440 - 480	3	3	5	40
Reversing	550 - 600	3	3	5	40
DOL	110 - 120	1	2	1,50	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	3	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	3	40
DOL	220 - 240	3	3	7,50	40
DOL	415 - 415	3	3	7,50	40
DOL	440 - 480	3	3	10	40
DOL	550 - 600	3	3	10	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 5000 rms symmetrical amperes, 600V ac max. when protected by Class RK1 fuses. Manual Motor Controllers when intended for use as a motor disconnect are suitable for use on a circuit capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by 30A Class J time delay fuses.					
Temp. rating of wire					
Temperature rating (°C)			Ström (A) Text		
75			– Use copper wire only		
Connecting instructions					
Markings					
När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".					
General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	30	1	2	1
AC	600	30	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
		30	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	1,50	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	3	40
DOL	220 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	10	40
DOL	550 - 600	3	3	10	40
Pilot duty rating code					
Duty Code					
A600					
Temp. rating of wire					
Temperature rating (°C)			Ström (A) Text		
75			– only		
General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	30	1	1	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 (mm²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1		0,75mm²	Copper
solid wire	Min.	2		0,75mm²	Copper
flexible wire	Min.	1		1,5mm²	Copper
flexible wire	Max.	2		AWG 12	Copper
flexible wire	Max.	2		4mm²	Copper
flexible wire	Min.	2		1,5mm²	Copper
Single-core or stranded wire	Max.	2		AWG 10	Copper
Single-core or stranded wire	Max.	2		4mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1		1mm²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2		2,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2		1mm²	Copper
Approbations					
Specification					Marking
EAC					
CE marking					

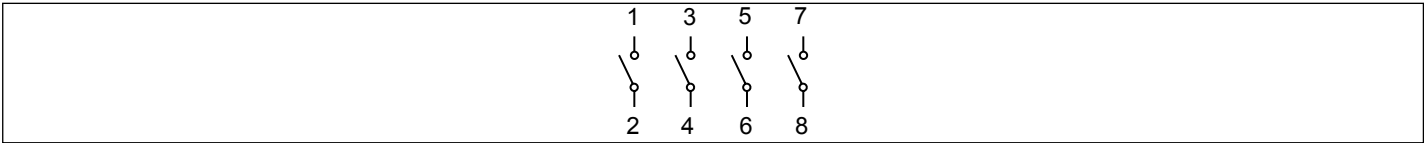
Approbations		Marking
Specification		  
UK Directives		
CSA C.22.2 No.14		
GB/T14048.3		
Rekomenderad skruvmejsel		
Typ av skruvmejsel	Value	
Stjärnskruvmejsel	PH1	
Slot screwdriver according to DIN 5264	0,8x5,5	
General Information		
Text		
- Smörjning och behandling av kontakterna är förbjuden. - Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri. - Använd endast kopparkabel. 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-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

CA20.A203.EF



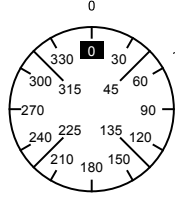
Switch program

CA20.A203.EF



Kraus & Naimer

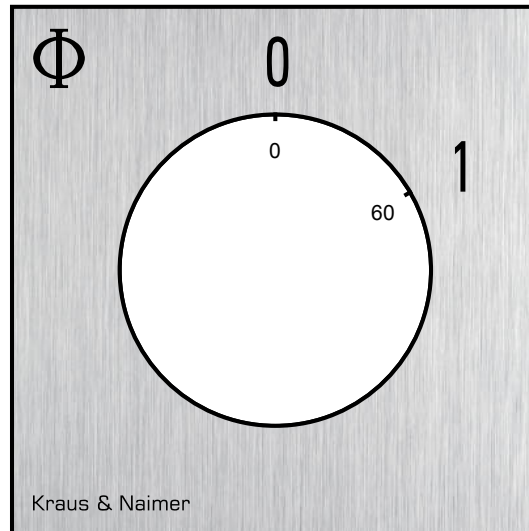
CA20
A203
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Face Plate													
		1357911131517192123											
													
Switching Angle 60 Total switching Angle 60		2	4	6	8	10	12	14	16	18	20	22	24
0	0												
	15												
	30												
	45												
1	60												
	75												
	90												
	105												
	120												
	135												
	150												
	165												
	180												
	195												
	210												
	225												
	240												
	255												
	270												
	285												
	300												
	315												
	330												
	345												

Version: 105

Face plate

S0.F070/A1B.PEL



HANDLES

Designation: S0C.G251

Handle colour: "1" black

