



Sample image

Datasheet

Article number: 70004701

Designation: CA11.A220.PN1

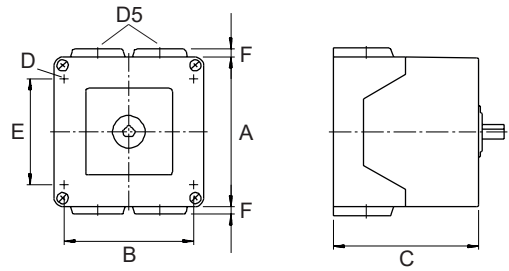
Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Märkdraftspänning Ui						
Spänning (V) AC / DC						
690 AC / DC						
Märkdraftström 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			
Märkdraftström Ie						
Urvals kriterie		Spänning (V)		Ström (A)		
AC-15		220 - 240		6		
AC-15		380 - 440		4		
Märkdrafteffekt						
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			Antal säkringar	Ström (A)		
gG			1	25		
UL60947-4-1 , UL508						
Nominal Voltage						
Spänning (V) AC / DC						
600 AC						
Märkdraftspänning 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]
Reversing		110 - 120	1	2	0,17	40
Reversing		220 - 240	1	2	0,50	40
Reversing		277 - 277	1	2	0,60	40
Reversing		415 - 415	1	2	1	40
Reversing		440 - 480	1	2	1,50	40
Reversing		550 - 600	1	2	1,50	40
Reversing		110 - 120	3	3	0,50	40
Reversing		220 - 240	3	3	1	40
Reversing		415 - 415	3	3	2	40
Reversing		440 - 480	3	3	3	40
Reversing		550 - 600	3	3	3	40
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		415 - 415	3	3	5	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 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			
60 - 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	20	1	2	1	
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	415 - 415	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	415 - 415	3	3	5	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			– only			
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	600	20	1	1	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
tightening torque (Nm)			tightening torque (lb-in)			
0,60			5			
Stripping length						
Length (mm)			–			
8			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	0,5mm²		Copper	
solid wire	Min.	2	0,5mm²		Copper	
flexible wire	Min.	1	0,75mm²		Copper	
flexible wire	Min.	2	0,75mm²		Copper	
flexible wire	Max.	2	2,5mm²		Copper	
flexible wire	Max.	2	AWG 14		Copper	
Single-core or stranded wire	Max.	2	AWG 12		Copper	
Single-core or stranded wire	Max.	2	2,5mm²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm²		Copper	
flexible wire with ferrule according to DIN 46228	Max.	2	2,5mm²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm²		Copper	
Approbations						
Specification					Marking	
EAC					EAC	
CE marking					CE	

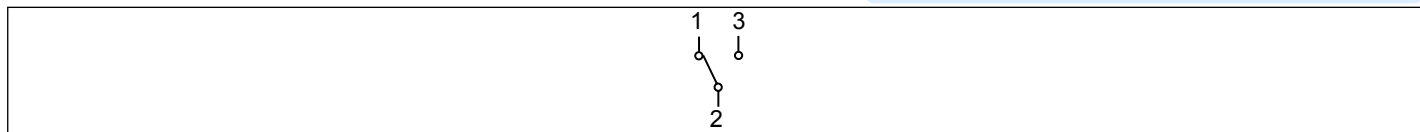
Approbations	
Specification	Marking
UK Directives	UK CA
CSA C.22.2 No.14	SA®
Rekomenderad skruvmejsel	
Typ av skruvmejsel	Value
Stjärnskruvmejsel	PH1
Slot screwdriver according to DIN 5264	0,8x4
General Information	
Text	
- Smörjning och behandling av kontakterna är förbjuden. - Inkoppling och service 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-PN1	
	
Skyddsklass frontpanel, IP	IP42
Stages	1,00 - 2,00
A	□ 82,00 mm
B	H 68,00 mm
C	H 59,70 mm
D	Ø 4,40 mm
D5	Ø 4,00 x M20
E	H 52,00 mm
F	H 5,00 mm

Wiring diagram

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Switch program

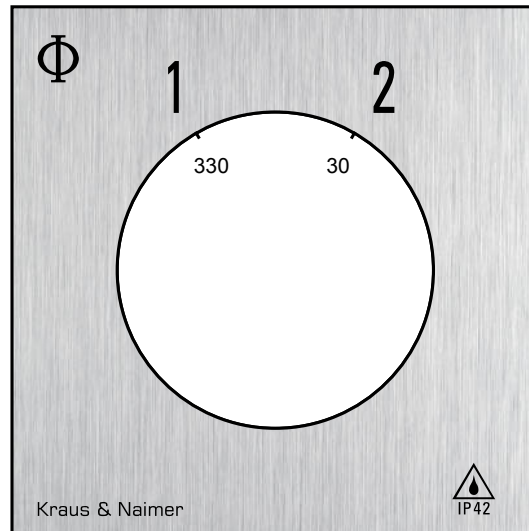
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 Kraus & Naimer		Page 1 of 1											
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Face Plate													
													
Switching Angle 60 Total switching Angle 60		1	3	5	7	9	11	13	15	17	19	21	23
		2	4	6	8	10	12	14	16	18	20	22	24
1		330											
		345											
		0											
		15											
2		30											
		45											
		60											
		75											
		90											
		105											
		120											
		135											
		150											
		165											
		180											
		195											
		210											
		225											
		240											
		255											
		270											
		285											
		300											
		315											

Version: 106

Face plate

S1.F072/A10.PNL



HANDLES

Designation: S1B.G257

Handle colour: "7" electro grey

