



Sample image

Datasheet

Article number: 70000042

Designation: CA10.A291.PN1

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107				
Märkdraftspänning Ui				
Spänning (V) AC / DC				
690 AC / DC				
Rated impulse withstand voltage Uimp				
Voltage (kV) Overvoltage category		Pollution degree	Supply system	Function
4 III		3	Valid for lines with grounded common neutral termination	Switch disconnecter
Märkdraftström vid konstant drift				
Ström (A)		Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav	
20		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		6
AC-15		380 - 440		4
Märkdrafteffekt				
Urvals kriterie		Spänning (V)	No. of phases	No. of poles
AC-3		220 - 240	3	3
AC-3		380 - 440	3	3
AC-3		660 - 690	3	3
AC-3		220 - 240	1	2
AC-3		380 - 440	1	2
AC-23A		220 - 240	3	3
AC-23A		380 - 440	3	3
AC-23A		660 - 690	3	3
AC-23A		220 - 240	1	2
AC-23A		380 - 440	1	2
Max försäkring, IEC				
Säkringskaraktistik		Antal säkringar		Ström (A)
gG		1		25
UL60947-4-1 , UL508				
Nominal Voltage				
Spänning (V) AC / DC				
300 AC / DC				
Märkdraftspänning Ui				
Spänning (V) AC / DC				
300 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
Reversing		110 - 120	1	2
Reversing		220 - 240	1	2
Reversing		277 - 277	1	2
Reversing		110 - 120	3	3
Reversing		220 - 240	3	3
DOL		110 - 120	1	2
DOL		220 - 240	1	2
DOL		277 - 277	1	2
DOL		110 - 120	3	3
DOL		220 - 240	3	3
Pilot duty rating code				
Duty Code				
A300				
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 disconnecter 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	300	20	1	2	1	
AC	300	20	3	3	1	
CSA						
Nominal Voltage						
				Spänning (V) AC / DC		
				300 AC		
Märkdriftspänning Ui						
				Spänning (V) AC / DC		
				300 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		110 - 120	3	3	1,50	40
DOL		220 - 240	3	3	3	40
Pilot duty rating code						
Duty Code						
A300						
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	300	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						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
Typ av skruvmejsel		Value				
Stjärskruvmejsel		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.						

General Information

Text

- 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



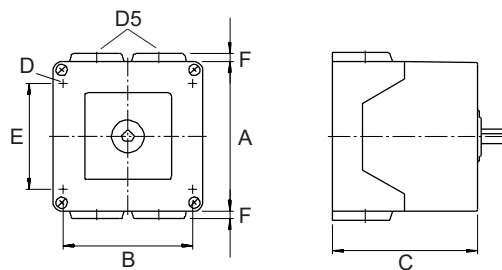
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-PN1



Skyddsklass frontpanel, IP		IP42
Stages		1,00 - 1,00
A	□	64,00 mm
B	H	50,00 mm
C	H	36,60 mm
D	Ø	4,40 mm
D5	Ø	4,00 x M20
E	H	36,00 mm
F	H	4,00 mm



Wiring diagram

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Switch program

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Kraus & Naimer

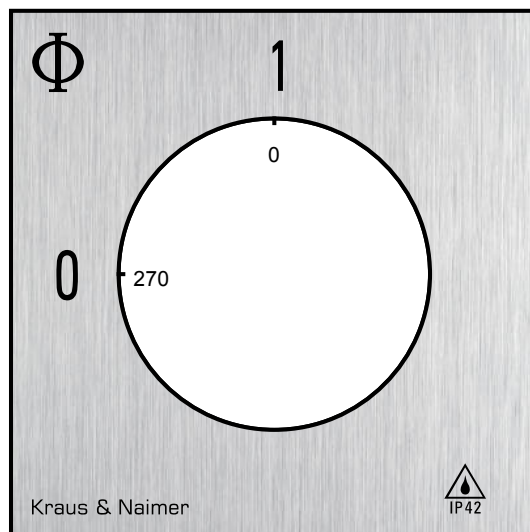
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Face Plate																										
		1		3		5		7		9		11		13		15		17		19		21		23		
		 																								
Switching Angle 90 Total switching Angle 90		2		4		6		8		10		12		14		16		18		20		22		24		
0	270																									
	285											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

Version: 96

Face plate

S0.F056/A10.PNL



HANDLES

Designation: S0C.G257

Handle colour: "7" electro grey

