



Sample image

Datasheet

Article number: 70024010

Designation: CA10.A290*NLB406.EF

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Märkdriftspänning 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
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	Antal säkringar			Ström (A)
gG	1			25

UL60947-4-1 , UL508

Nominal Voltage						
		Spänning (V) AC / DC				
		300 AC / DC				
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]	
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	110 - 120	3	3	0,50	40	
Reversing	220 - 240	3	3	1	40	
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						

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			
Stjärnskruvmejsel			PH1			
Slot screwdriver according to DIN 5264			0,8x4			
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 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



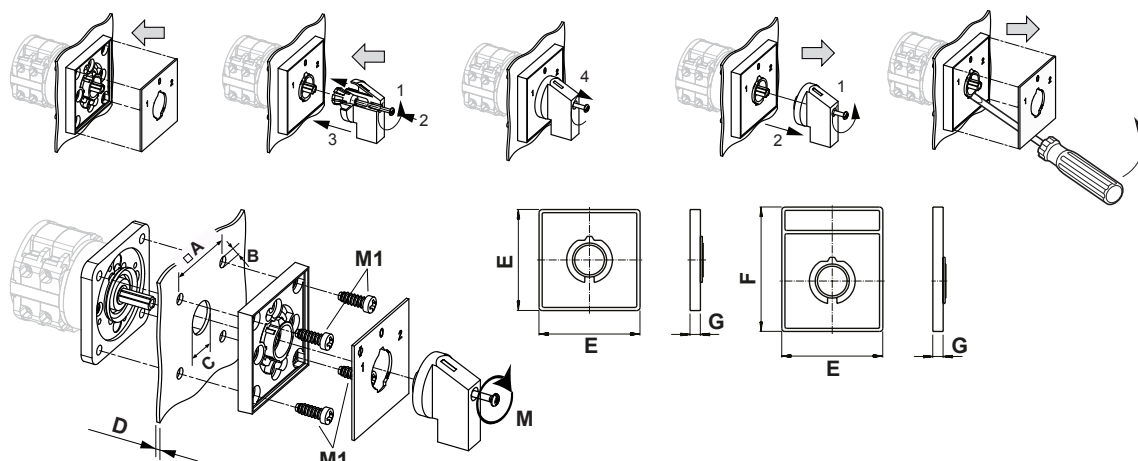
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

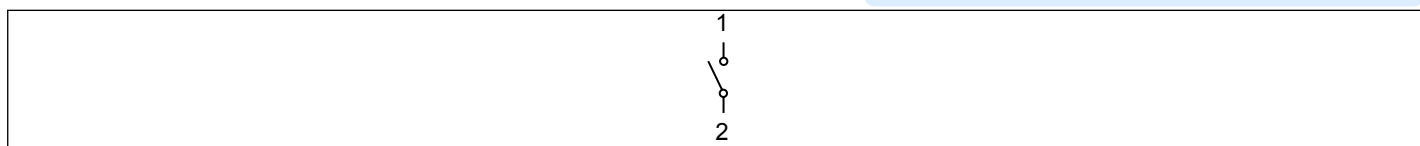
Mounting-EF



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

CA10.A290.EF



Switch program

CA10.A290.EF



Kraus & Naimer

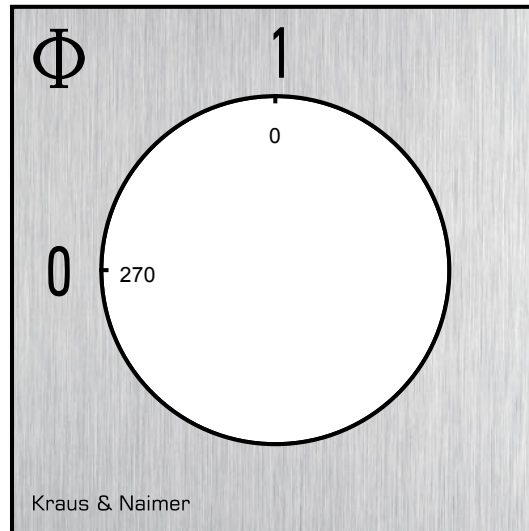
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Face Plate													
													
		1	3	5	7	9	11	13	15	17	19	21	23
Switching Angle	90	2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle	90												
0	270												
	285												
	300												
	315												
	330												
	345												
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.E1LH



PADLOCK DEVICE

Designation: S0.V845/A11/C11

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red

Locking position: "1" at 09:00/03:00 - knockouts every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "C" for type of mounting *EF

Type of version: "1" for same switch size

Switch type: "1" for C-switches and for KG10.

