



Sample image

Datasheet

Article number: 70001945
Designation: CA10.A178.EF
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	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							
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	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							
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			
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.						

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



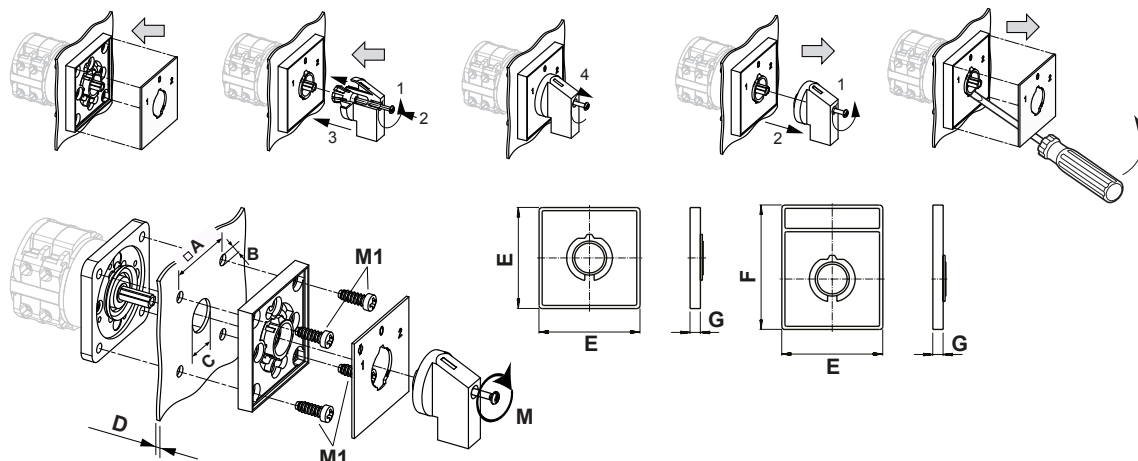
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

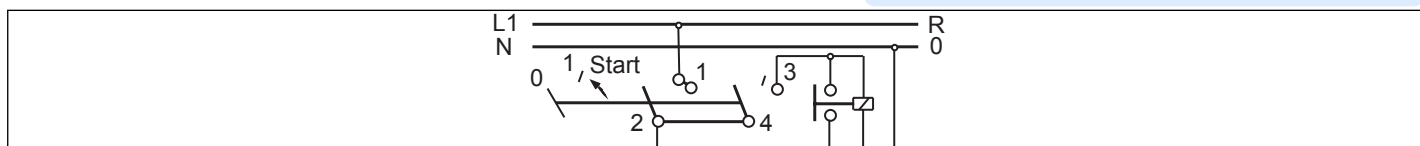
Mounting-EF



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

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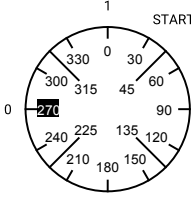
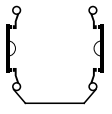
Switch program

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Kraus & Naimer

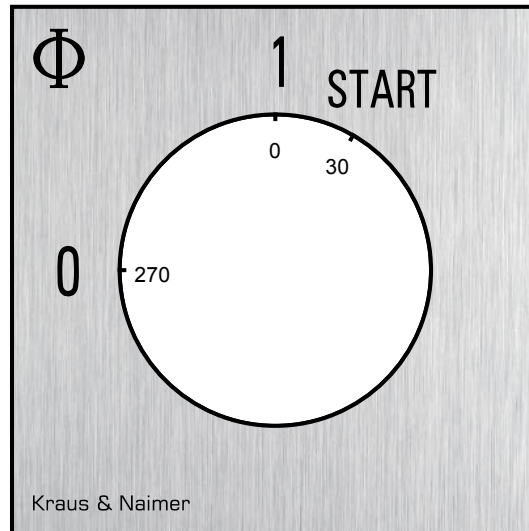
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Face Plate													
													
		1	3	5	7	9	11	13	15	17	19	21	23
Switching Angle 90 Total switching Angle 120		2	4	6	8	10	12	14	16	18	20	22	24
	0	270											
	285												
	300												
	315												
	330												
	345								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

Version: 131

Face plate

S0.F119/A1B.PEL



HANDLES

Designation: S0C.G251

Handle colour: "1" black

