



Sample image

Datasheet

Article number: 70003201
Designation: CA10.A312.EF
Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
690 AC / DC				
Tension assignée de tenue aux chocs Uimp				
Tension (kV)	Classe de protection surcharges	Degré de pollution	Type d'alimentation	Fonction
4 III		3	Valable pour un réseau triphasé avec le neutre à la terre	Switch disconnecter
Courant ininterrompu et thermique conventionnel Iu/Ith				
Intensité (A)	Température Ambiante (°)	Température Maxi (°)	Spécification complémentaire	
20	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C	
Courant assigné d'emploi Ie				
Catégorie d'emploi			Tension (V)	Intensité (A)
AC-15			220 - 240	6
AC-15			380 - 440	4
Puissance assignée d'emploi				
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (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
Protection par fusible (IEC)				
Caractéri			Nombre de fusible	Intensité (A)
gG			1	25
UL60947-4-1 , UL508				
Nominal Voltage				
Tension (V) AC / DC				
300 AC / DC				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
300 AC				
Rated thermal current				
Intensité (A)		Température Ambiante (°) Additional Text		
20		0 - 40 --		
Horsepower rating				
Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	Power (HP)
Reversing	110 - 120	1	2	0,17
Reversing	220 - 240	1	2	0,50
Reversing	277 - 277	1	2	0,60
Reversing	110 - 120	3	3	0,50
Reversing	220 - 240	3	3	1
DOL	110 - 120	1	2	0,50
DOL	220 - 240	1	2	1
DOL	277 - 277	1	2	2
DOL	110 - 120	3	3	1,50
DOL	220 - 240	3	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)		Intensité (A) Text		
60 - 75		-- Use copper wire only		

Connecting instructions						
Markings						
When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.						
General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series	
AC	300	20	1	2	1	
AC	300	20	3	3	1	
CSA						
Nominal Voltage						
			Tension (V) AC / DC			
			300 AC			
Tension assignée d'isolement Ui						
			Tension (V) AC / DC			
			300 AC			
Rated thermal current						
		Intensité (A)	Température Ambiante (°)		Additional Text	
		20	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting				Tension (V)	Nb de phases	Nb de pôles
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
					Power (HP)	Ambient temperature [°C]
					0,50	40
					1	40
					2	40
					1,50	40
					3	40
Pilot duty rating code						
Duty Code						
A300						
Temp. rating of wire						
			Temperature rating (°C)		Intensité (A) Text	
			75		-- only	
General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	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)	
solid wire	Min.		1		0,5mm²	
solid wire	Min.		2		0,5mm²	
flexible wire	Min.		1		0,75mm²	
flexible wire	Min.		2		0,75mm²	
flexible wire	Max.		2		2,5mm²	
flexible wire	Max.		2		AWG 14	
Single-core or stranded wire	Max.		2		AWG 12	
Single-core or stranded wire	Max.		2		2,5mm²	
flexible wire with ferrule according to DIN 46228	Min.		1		0,5mm²	
flexible wire with ferrule according to DIN 46228	Max.		2		2,5mm²	
flexible wire with ferrule according to DIN 46228	Min.		2		0,5mm²	
Material of the wire						
Copper						
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C						

General Information

Text

- Use copper wire only. Do not coat the wire end with tin.

- Les bornes qui ne sont pas supposées être utilisées pour le raccordement de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.

- Après mise en place des les commutateurs l'espace entre bornes doit être suffisant pour répondre aux exigences des normes en vigueur.

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



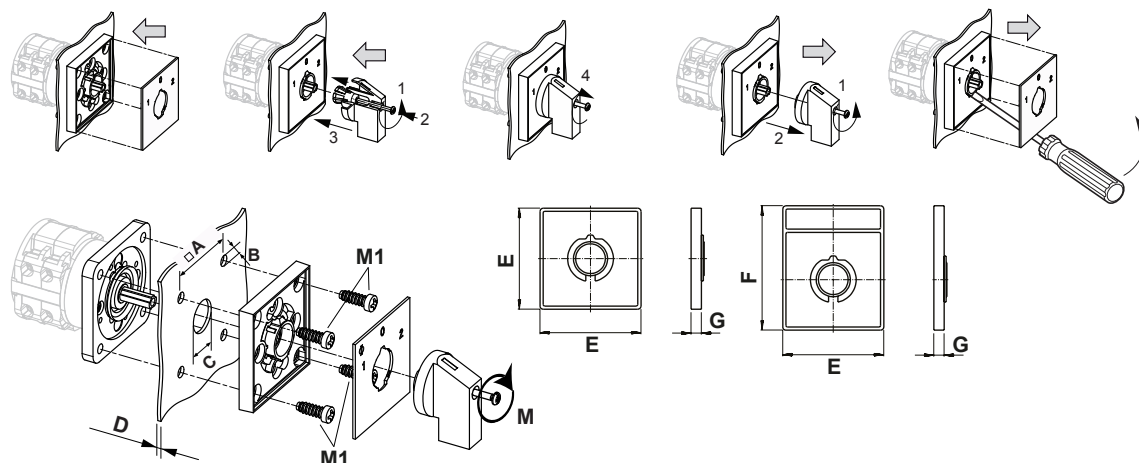
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

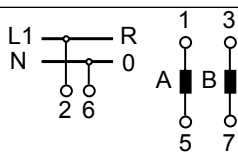
Fixation-EF



IP - Code front side		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.A312.EF



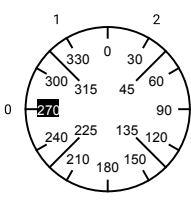
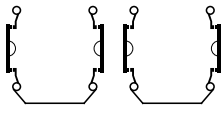
Switch program

CA10.A312.EF



Kraus & Naimer

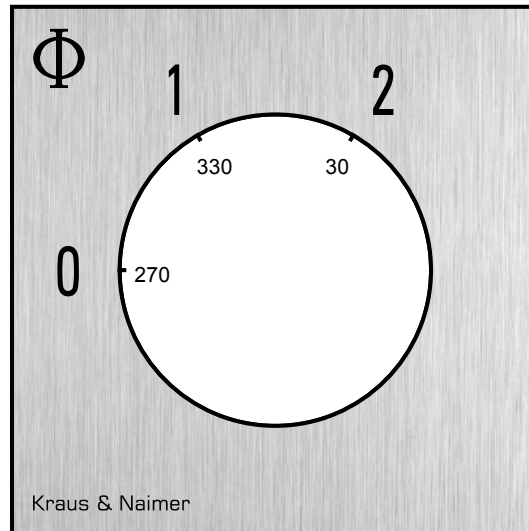
CA10
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Face Plate														
														
														
			1	3	5	7	9	11	13	15	17	19	21	23
Switching Angle 60 Total switching Angle 120			2	4	6	8	10	12	14	16	18	20	22	24
0		270												
		285												
1		300												
		315												
		330												
		345												
2		0												
		15												
		30												
		45												
	60													
	75													
	90													
	105													
	120													
	135													
	150													
	165													
	180													
	195													
	210													
	225													
	240													
	255													

Version: 50

Face plate

S0.F075/A1B.PEL



HANDLES

Designation: S0C.G251

Handle colour: "1" black

