



Sample image

Datasheet

Article number: 70002455

Designation: CA10.A220.FT2

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 (°C)

Température Maxi (°C)

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 (°C) Additional Text

20

0 - 40 -

Horsepower rating

Across-the-Line Motor Starting

Tension (V)

Nb de phases

Nb de pôles

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)

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)
						0,50
						1
						2
						1,50
						3
						Ambient temperature [°C]
						40
						40
						40
						40
						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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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



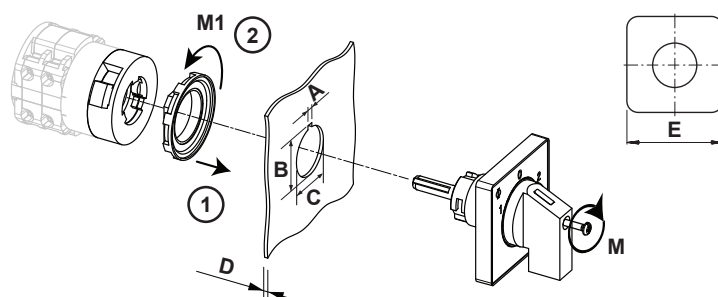
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Fixation-FT2



IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	H	3,20 mm
A+_tol.	H	0,20 mm
A-_tol.	H	0,00 mm
B	H	24,10 mm
B+_tol.	H	0,40 mm
B-_tol.	H	0,00 mm
C	Ø	22,30 mm
C+_tol.	Ø	0,40 mm
C-_tol.	Ø	0,00 mm
D	H	<= 6,00 mm
E	□	48,00 mm
M	↺	0,50 Nm
M1	↺	1,80 Nm

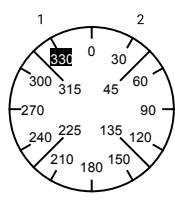
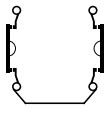
Wiring diagram

CA10.A220.FT2



Switch program

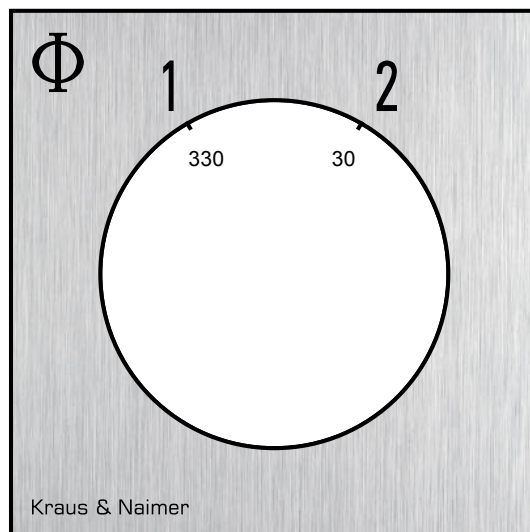
CA10.A220.FT2

 Kraus & Naimer		CA10		A220		Page 1 of 1							
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											
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		180											
		195											
		210											
		225											
		240											
		255											
		270											
		285											
		300											
		315											

Version: 106

Face plate

S0.F072/A10.E1L



HANDLES

Designation: S0C.G251

Handle colour: "1" black

