

Sample image

Datasheet

Article number: 70009022

Designation: CA10.A007.FT2.F785

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 disconnector		
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)	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 disconnector 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	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)	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						
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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



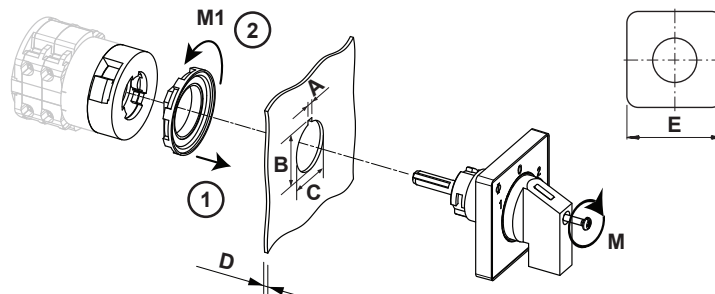
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

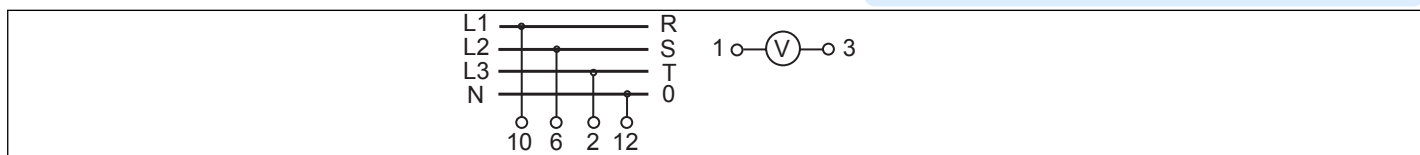
Fixation-FT2



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

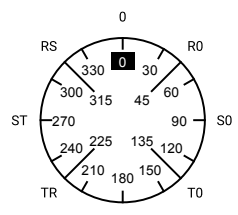
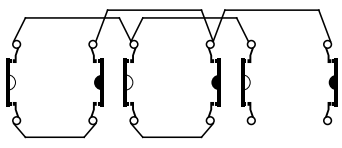
Wiring diagram

CA10.A007.FT2



Switch program

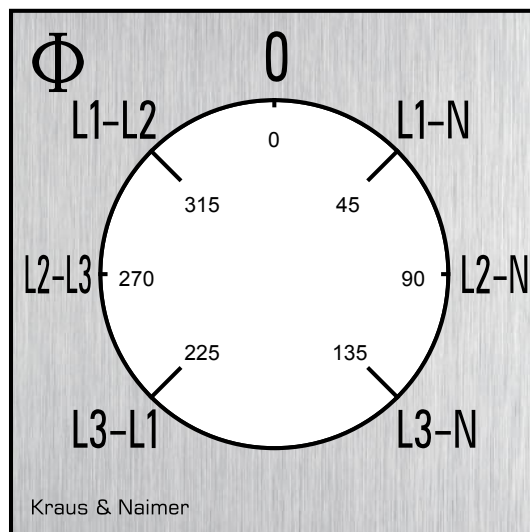
CA10.A007.FT2

 Kraus & Naimer		CA10		A007		Page 1 of 1							
Face Plate													
		1	3	5	7	9	11	13	15	17	19	21	23
													
Switching Angle 45		2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle 270													
TR	225												
	240												
ST	255												
	270												
RS	285												
	300												
R0	315												
	330												
S0	345												
	0												
T0	15												
	30												
TR	45												
	60												
ST	75												
	90												
RS	105												
	120												
R0	135												
	150												
S0	165												
	180												
T0	195												
	210												

Version: 44

Face plate

S0.F785/A10.E1L



HANDLES

Designation: S0C.G251

Handle colour: "1" black

