



Sample image

Datasheet

Article number: 70005915

Designation: CA20.A721.FT2

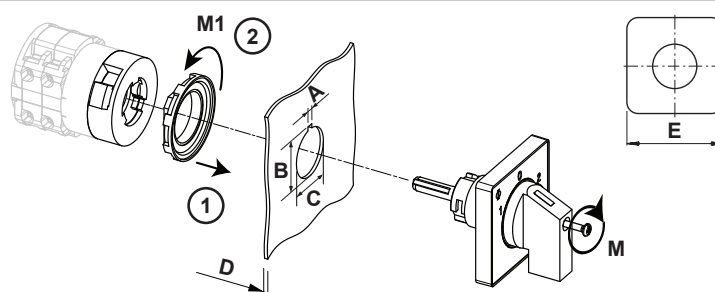
Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
690 AC / DC				
Courant Ininterrompu et thermique conventionnel Iu/Ith				
Intensité (A)	Température Ambiante (*)	Température Maxi (*)	Spécification complémentaire	
25	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		8
AC-15		380 - 440		5
Puissance assignée d'emploi				
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)
AC-3	220 - 240	3	3	4
AC-3	380 - 440	3	3	7,50
AC-3	660 - 690	3	3	7,50
AC-3	220 - 240	1	2	3
AC-3	380 - 440	1	2	3,70
AC-23A	220 - 240	3	3	5,50
AC-23A	380 - 440	3	3	11
AC-23A	660 - 690	3	3	11
AC-23A	220 - 240	1	2	3
AC-23A	380 - 440	1	2	5,50
Protection par fusible (IEC)				
Caractéri		Nombre de fusible		Intensité (A)
gG		1		35
UL60947-4-1 , UL508				
Nominal Voltage				
Tension (V) AC / DC				
600 AC				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
600 AC				
Rated thermal current				
Intensité (A)		Température Ambiante (*)		Additional Text
30				0 - 40 --
Horsepower rating				
Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	Power (HP)
Reversing	110 - 120	1	2	0,33
Reversing	220 - 240	1	2	0,75
Reversing	277 - 277	1	2	1
Reversing	415 - 415	1	2	1,50
Reversing	440 - 480	1	2	2
Reversing	550 - 600	1	2	2
Reversing	110 - 120	3	3	1
Reversing	220 - 240	3	3	2
Reversing	415 - 415	3	3	3
Reversing	440 - 480	3	3	5
Reversing	550 - 600	3	3	5
DOL	110 - 120	1	2	1,50
DOL	220 - 240	1	2	3
DOL	277 - 277	1	2	3
DOL	415 - 415	1	2	3
DOL	440 - 480	1	2	5
DOL	550 - 600	1	2	5
DOL	110 - 120	3	3	3
DOL	220 - 240	3	3	7,50
DOL	415 - 415	3	3	7,50
DOL	440 - 480	3	3	10
DOL	550 - 600	3	3	10

Pilot duty rating code						
Duty Code						
A600						
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			
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	600	30	1	2	1	
AC	600	30	3	3	1	
CSA						
Nominal Voltage						
			Tension (V) AC / DC			
			600 AC			
Tension assignée d'isolement Ui						
			Tension (V) AC / DC			
			600 AC			
Rated thermal current						
		Intensité (A)	Température Ambiante (°)		Additional Text	
		30	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	1,50	40	
DOL	220 - 240	1	2	3	40	
DOL	277 - 277	1	2	3	40	
DOL	415 - 415	1	2	5	40	
DOL	440 - 480	1	2	5	40	
DOL	550 - 600	1	2	5	40	
DOL	110 - 120	3	3	3	40	
DOL	220 - 240	3	3	7,50	40	
DOL	415 - 415	3	3	10	40	
DOL	440 - 480	3	3	10	40	
DOL	550 - 600	3	3	10	40	
Pilot duty rating code						
Duty Code						
A600						
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	600	30	1	1	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			1		9	
Stripping length						
			Length (mm) –			
			9 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		0,75mm²		Copper
solid wire	Min.	2		0,75mm²		Copper
flexible wire	Min.	1		1,5mm²		Copper
flexible wire	Max.	2		AWG 12		Copper
flexible wire	Max.	2		4mm²		Copper
flexible wire	Min.	2		1,5mm²		Copper
Single-core or stranded wire	Max.	2		AWG 10		Copper
Single-core or stranded wire	Max.	2		4mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	1		1mm²		Copper
flexible wire with ferrule according to DIN 46228	Max.	2		2,5mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	2		1mm²		Copper
Approbations						
Specification					Marking	
EAC					EAC	
CE marking					CE	

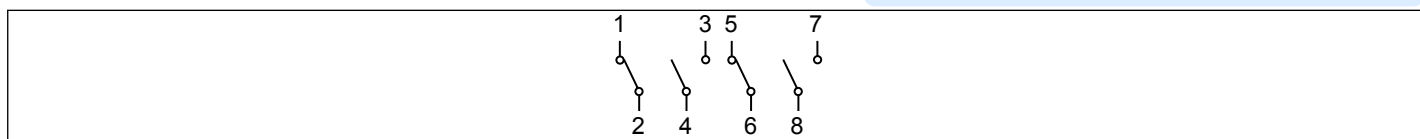
Approbations	
Specification	Marking
UK Directives	UK CA
CSA C.22.2 No.14	CSA
GB/T14048.3	GB/T14048.3
Recommandations concernant le tournevis	
Type	Value
Tournevis cruciforme	PH1
Slot screwdriver according to DIN 5264	0,8x5,5
General Information	
Text	
- Ne jamais lubrifier ou traiter les contacts. - Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur. - 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	M̂	0,50 Nm	
M1	M̂	1,80 Nm	

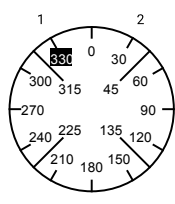
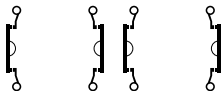
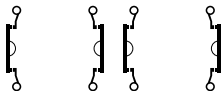
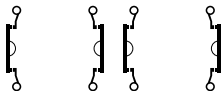
Wiring diagram

CA20.A721.FT2



Switch program

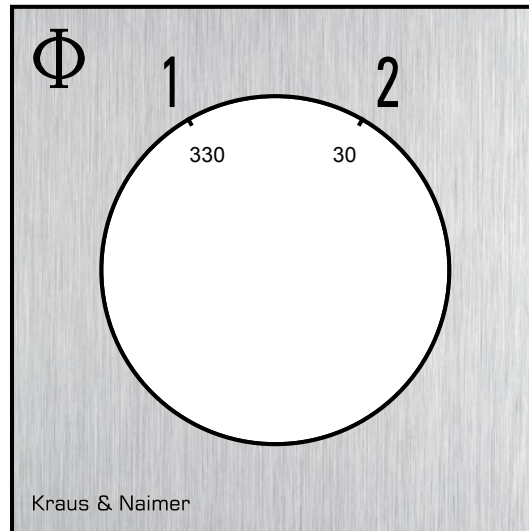
CA20.A721.FT2

 Kraus & Naimer		CA20		A721		Page 1 of 1																															
Face Plate 		<table border="1"> <tr> <td>1</td><td>3</td><td>5</td><td>7</td><td>9</td><td>11</td><td>13</td><td>15</td><td>17</td><td>19</td><td>21</td><td>23</td> </tr> <tr> <td colspan="12">  </td> </tr> </table>												1	3	5	7	9	11	13	15	17	19	21	23												
1	3	5	7	9	11	13	15	17	19	21	23																										
																																					
Switching Angle 60 Total switching Angle 60		2	4	6	8	10	12	14	16	18	20	22	24																								
1		330																																			
		345																																			
		0																																			
		15																																			
2		30																																			
		45																																			
		60																																			
		75																																			
		90																																			
		105																																			
		120																																			
		135																																			
		150																																			
		165																																			
		180																																			
		195																																			
		210																																			
		225																																			
		240																																			
		255																																			
		270																																			
		285																																			
		300																																			
		315																																			

Version: 105

Face plate

S0.F072/A10.E1L



HANDLES

Designation: S0C.G251

Handle colour: "1" black

