



Sample image

Datasheet

Article number: 70025279

Designation: CA11.A293*NLB403.PF1

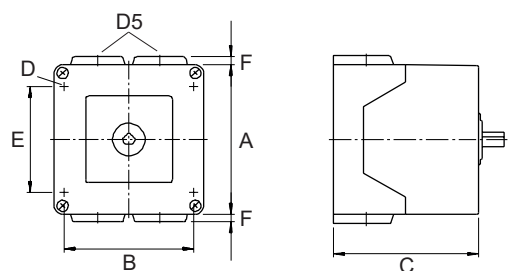
Description: Switch

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		
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					
600 AC					
Tension assignée d'isolement Ui					
Tension (V) AC / DC					
600 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	415 - 415	1	2	1	40
Reversing	440 - 480	1	2	1,50	40
Reversing	550 - 600	1	2	1,50	40
Reversing	110 - 120	3	3	0,50	40
Reversing	220 - 240	3	3	1	40
Reversing	415 - 415	3	3	2	40
Reversing	440 - 480	3	3	3	40
Reversing	550 - 600	3	3	3	40
DOL	110 - 120	1	2	0,50	40
DOL	220 - 240	1	2	1	40
DOL	277 - 277	1	2	2	40
DOL	440 - 480	1	2	2	40
DOL	550 - 600	1	2	2	40
DOL	110 - 120	3	3	1,50	40
DOL	220 - 240	3	3	3	40
DOL	415 - 415	3	3	5	40
DOL	440 - 480	3	3	5	40
DOL	550 - 600	3	3	5	40

Pilot duty rating code						
<i>Duty Code</i>						
A600						
SCCR / Max. fuse rating						
<i>Conditions of acceptability</i>						
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						
<i>Temperature rating (°C)</i>			<i>Intensité (A) Text</i>			
60 - 75			– Use copper wire only			
Connecting instructions						
<i>Markings</i>						
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						
<i>AC / DC</i>	<i>Tension (V)</i>	<i>Intensité (A)</i>	<i>Nb de phases</i>	<i>Nb de pôles</i>	<i>No. of contacts in series</i>	
AC	600	20	1	2	1	
AC	600	20	3	3	1	
CSA						
Nominal Voltage						
			<i>Tension (V) AC / DC</i>			
			600 AC			
Tension assignée d'isolement Ui						
			<i>Tension (V) AC / DC</i>			
			600 AC			
Rated thermal current						
<i>Intensité (A)</i>			<i>Température Ambiante (°)</i>		<i>Additional Text</i>	
20			0 - 40		–	
Horsepower rating						
<i>Across-the-Line Motor Starting</i>	<i>Tension (V)</i>	<i>Nb de phases</i>	<i>Nb de pôles</i>	<i>Power (HP)</i>	<i>Ambient temperature [°C]</i>	
DOL	110 - 120	1	2	0,50	40	
DOL	220 - 240	1	2	1	40	
DOL	277 - 277	1	2	2	40	
DOL	415 - 415	1	2	2	40	
DOL	440 - 480	1	2	2	40	
DOL	550 - 600	1	2	2	40	
DOL	110 - 120	3	3	1,50	40	
DOL	220 - 240	3	3	3	40	
DOL	415 - 415	3	3	5	40	
DOL	440 - 480	3	3	5	40	
DOL	550 - 600	3	3	5	40	
Pilot duty rating code						
<i>Duty Code</i>						
A600						
Temp. rating of wire						
<i>Temperature rating (°C)</i>			<i>Intensité (A) Text</i>			
75			– only			
General Use						
<i>AC / DC</i>	<i>Tension (V)</i>	<i>Intensité (A)</i>	<i>Nb de phases</i>	<i>Nb de pôles</i>	<i>No. of contacts in series</i>	
AC	600	20	1	1	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			<i>tightening torque (Nm)</i>		<i>tightening torque (lb-in)</i>	
			0,60		5	
Stripping length						
			<i>Length (mm) –</i>			
			8 STRIPPINGLENGTH			
Size of conductor						
<i>composition of conductor</i>	<i>Min. / Max. value</i>	<i>No. of conductor per terminal</i>		<i>Cross section (mm²) or (AWG/kcmil)</i>		<i>Material of the wire</i>
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						
<i>Specification</i>					<i>Marking</i>	
EAC						
CE marking						

Approbations	
Specification	Marking
UK Directives	UK CA
CSA C.22.2 No.14	CSA®
Recommandations concernant le tournevis	
Type	Value
Tournevis cruciforme	PH1
Slot screwdriver according to DIN 5264	0,8x4
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

Mounting-PF1	
	
IP - Code front side	IP65
Stages	1,00 - 2,00
A	□ 82,00 mm
B	H 68,00 mm
C	H 64,70 mm
D	Ø 4,40 mm
D5	Ø 4,00 x M20
E	H 52,00 mm
F	H 5,00 mm



Wiring diagram

CA11.A293.PF1



Switch program

CA11.A293.PF1



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 90													
		2	4	6	8	10	12	14	16	18	20	22	24
0	270												
	285												
1	300												
	315												
	330												
	345												
	0												
	15												
	30												
	45												
	60												
	75												
	90												
	105												
120													
135													
150													
165													
180													
195													
210													
225													
240													
255													

Version: 87

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE with F-handle ring

Designation: S1.V840G/A71/C1

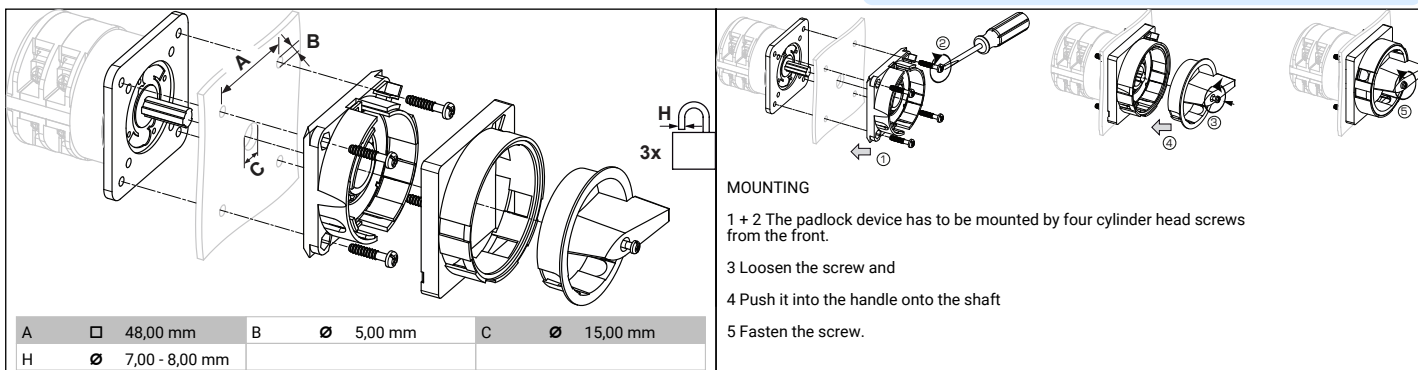
Colour of F-handle ring: "A" black

Colour of face ring: "7" electro-grey

Locking position: "1" at 09:00 (1x90°)

Type of mounting: "C" for type of mounting PN, PF, PFA-PFF

Switch type: "1" for C-switches and for KG10.



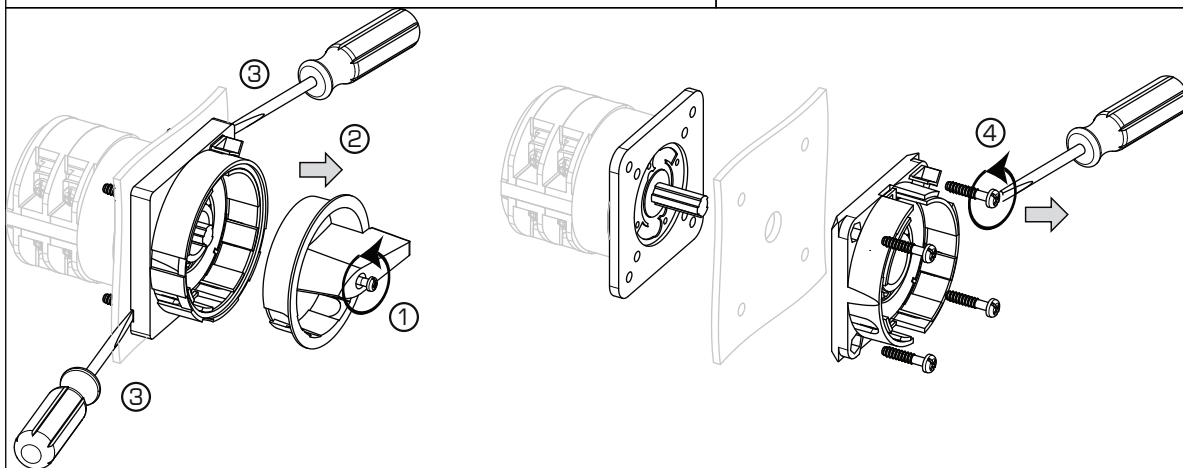
MOUNTING

1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.



1 Loose handle screw

2 remove handle.

3 Insert a proper auxiliary tool at those points of the frame of the device which are marked by a screw driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.