



Sample image

Datasheet

Article number: 70002555

Designation: CA10.A222.PN1

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
Voltage (V) AC / DC					
690 AC / DC					
Rated impulse withstand voltage Uimp					
Voltage (kV) Overvoltage category		Pollution degree	Supply system		Function
4 III		3	Valid for lines with grounded common neutral termination		Switch disconnecter
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
20	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C		
Rated operational current Ie					
Utilization category			Voltage (V)		Current (A)
AC-15			220 - 240		6
AC-15			380 - 440		4
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles		Power (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
Max Fuse Rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
gG			1		25
UL60947-4-1 , UL508					
Nominal Voltage					
Voltage (V) AC / DC					
300 AC / DC					
Rated insulation voltage Ui					
Voltage (V) AC / DC					
300 AC					
Rated thermal current					
Current (A)		Ambient temperature (°C)		Additional Text	
20		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	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)		Current (A) Text			
60 - 75		-- Use copper wire only			

Markings

When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.

AC / DC

CSA

Nominal Voltage	1.2 V
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Nominal Voltage	1.2 V
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Rated insulation voltage U_i	Voltages (V): 10 / 20
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Rated insulation voltage U_i	
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Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text

Rated thermal current	100 A
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Horsepower rating						
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]	

Horsepower rating

Pilot duty rating code
Duty Code

Pilot duty rating code

<i>Duty Code</i>

A300

Temp. rating of wire

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series

General Use

GENERAL TECHNICAL INFORMATION

GENERAL TECHNICAL INFORMATION

Size of conductor

Stripping length	Length (mm)
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Stripping length

Recommended screw driver	
Type of screw driver	Value

Recommended screw driver

Tightening torque of screws		
	<i>tightening torque (Nm)</i>	<i>tightening torque (lb·in)</i>

Tightening torque of screws

Approbations		
Classification		Marketing

Approbations

General Information
Text

General Information	
Project Name	...
Project Number	...
Project Manager	...
Project Sponsor	...
Project Start Date	...
Project End Date	...
Project Status	...
Project Budget	...
Project Risk	...
Project Complexity	...
Project Scope	...
Project Deliverables	...
Project Stakeholders	...
Project Communication	...
Project Reporting	...
Project Documentation	...
Project Change Management	...
Project Quality Management	...
Project Risk Management	...
Project Resource Management	...
Project Procurement Management	...
Project Stakeholder Management	...
Project Integration Management	...
Project Planning Management	...
Project Execution Management	...
Project Monitoring and Control Management	...
Project Closing Management	...

Text

- Do not lubricate or treat contacts.

General Information

Text

- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- Use copper wire only. Do not coat the wire end with tin.
- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

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

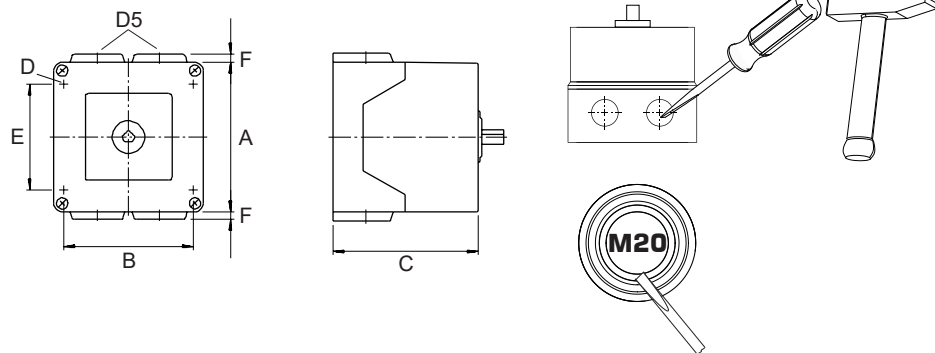
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

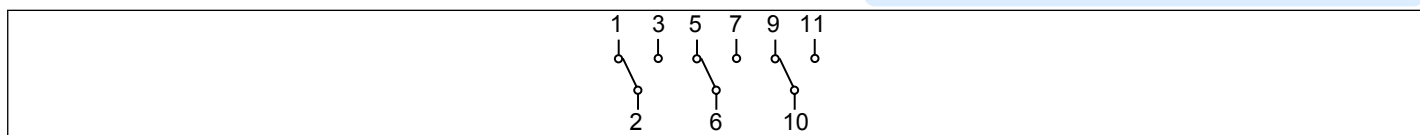
Mounting-PN1



IP - Code front side		IP42
Stages		3,00 - 3,00
A	□	64,00 mm
B	H	50,00 mm
C	H	55,30 mm
D	Ø	4,40 mm
D5	Ø	4,00 x M20
E	H	36,00 mm
F	H	4,00 mm

Wiring diagram

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Switch program

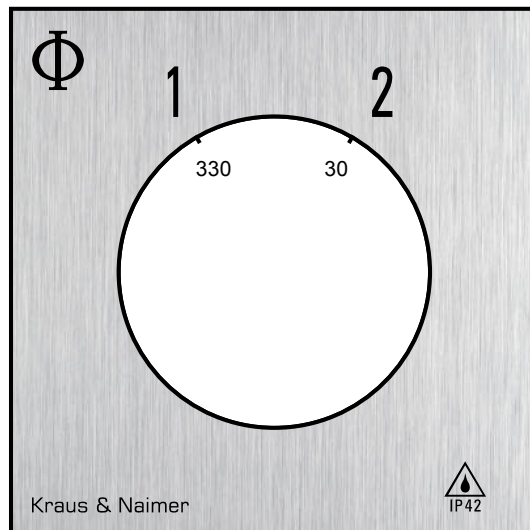
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 Kraus & Naimer		CA10		A222		Page 1 of 1							
Face Plate													
		1	3	5	7	9	11	13	15	17	19	21	23
													
Switching Angle 60 Total switching Angle 60		2	4	6	8	10	12	14	16	18	20	22	24
1		330											
		345											
		0											
		15											
2		30											
		45											
		60											
		75											
		90											
		105											
		120											
		135											
		150											
		165											
		180											
		195											
		210											
		225											
		240											
		255											
		270											
		285											
		300											
		315											

Version: 115

Face plate

S0.F072/A10.PNL



HANDLES

Designation: S0C.G257

Handle colour: "7" electro grey

