Kraus & Naimer



Sample image

Datasheet

Article number: 70069736
Designation: CAD11.A540/GBA001.EF
Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Rated insulation voltage Ui

Voltage (V)	*AC / DC*
600	AC / DC

Rated uninterrupted current Iu/Ith

Current (A)	*Ambient temperature (°C)*	*Peak temperature (°C)*	*additional requirements*
6	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C

Max. Fuse rating IEC

Fuse characteristic	*No. of Fuses*	*Current (A)*
gG	1	6

UL60947-4-1 , UL508

Nominal Voltage

Voltage (V)	*AC / DC*
300	AC

Rated insulation voltage Ui

Voltage (V)	*AC / DC*
300	AC

Rated thermal current

Current (A)	*Ambient temperature (°C)*	*Additional Text*
6	0 - 40	--

Temp. rating of wire

Temperature rating (°C)	*Current (A)*	*Text*
60 - 75	--	Use copper wire only

General Use

AC / DC	*Voltage (V)*	*Current (A)*	*No. of phases*	*No. of poles*	*No. of contacts in series*
AC	1	6	1	1	1
AC	6	3	1	1	1
AC	12	2	1	1	1
AC	24	1	1	1	1
AC	48	0,80	1	1	1
AC	110	0,40	1	1	1
AC	220	0,20	1	1	1
AC	300	0,13	1	1	1
DC	1	4	1	1	1
DC	6	2,50	1	1	1
DC	12	1,50	1	1	1
DC	24	0,80	1	1	1
DC	48	0,30	1	1	1
DC	110	0,20	1	1	1
DC	220	0,10	1	1	1
DC	300	0,06	1	1	1

CSA

Nominal Voltage

Voltage (V)	*AC / DC*
300	AC

Rated insulation voltage Ui

Voltage (V)	*AC / DC*
300	AC

Rated thermal current

Current (A)	*Ambient temperature (°C)*	*Additional Text*
6	0 - 40	--

Temp. rating of wire

Temperature rating (°C)	*Current (A)*	*Text*
75	--	only

General Use

AC / DC	*Voltage (V)*	*Current (A)*	*No. of phases*	*No. of poles*	*No. of contacts in series*
AC	1	6	1	1	1
AC	6	3	1	1	1
AC	12	2	1	1	1

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General Use

AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	24	1	1	1	1
AC	48	0,80	1	1	1
AC	110	0,40	1	1	1
AC	220	0,20	1	1	1
AC	300	0,13	1	1	1
DC	1	4	1	1	1
DC	6	2,50	1	1	1
DC	12	1,50	1	1	1
DC	24	0,80	1	1	1
DC	48	0,30	1	1	1
DC	110	0,20	1	1	1
DC	220	0,10	1	1	1
DC	300	0,06	1	1	1

GENERAL TECHNICAL INFORMATION

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	0.5mm²	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
Flexible wire	Min.	2	0.5mm²	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

Stripping length

Length (mm)	--
8	

Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
0,60	5

Approbations

Specification	Marking
EAC	
CE marking	
UK Directives	
UL 60947-4-1; CSA C22.2 No. 60947-4-1	
CSA C.22.2 No.14	
GB/T14048.3	

General Information

Text

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.
- After wiring, ALL terminal screws must be tightened to the specified torque values.
- The protection class of the selected mounting type may vary if optional extras are used.
- Do not lubricate or treat contacts.
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- 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.

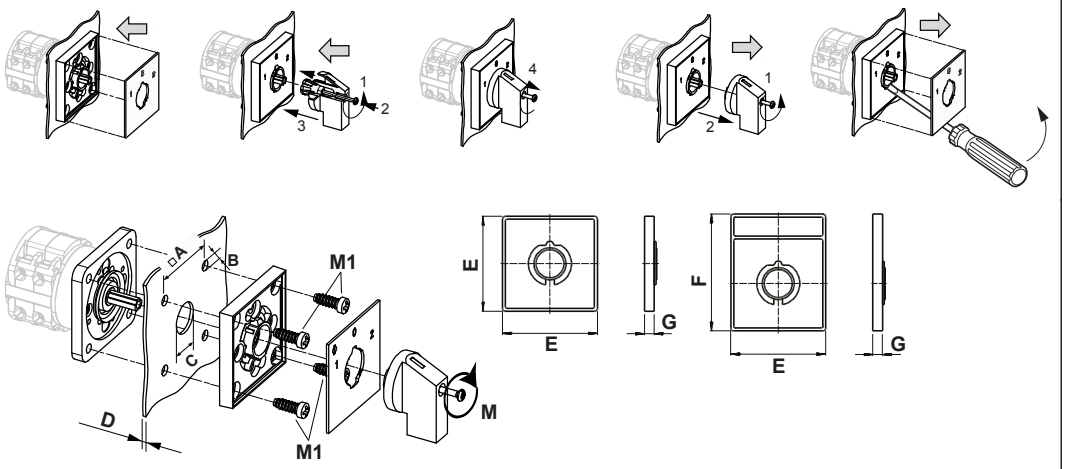
Classification Contact: H-Bridge

Classification Contact Mat: Gold plated

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Classification Terminal: Screw terminal

Mounting-EF

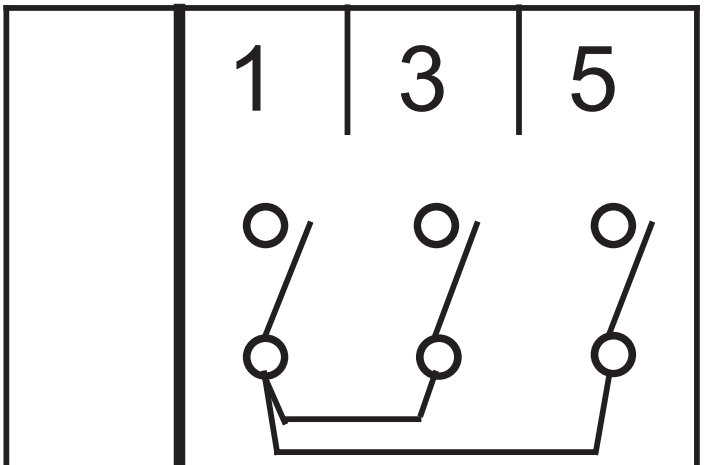


IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	□	36,00 mm
B	⌀	5,00 mm
C	⌀	15,00 - 19,00 mm
D	H	<= 4,00 mm
E	H	48,00 mm
F	H	59,00 mm
G	H	6,70 mm
M	M	0,50 Nm
M1	M	0,90 Nm

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Wiring diagram

CAD11.A540.EF



	1	3	5
	2	4	6
0			
1	X		
2		X	
3	X	X	
4			X
5	X		
6		X	
7	X	X	X

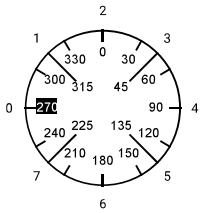
Switch program

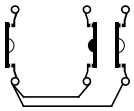
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Face Plate



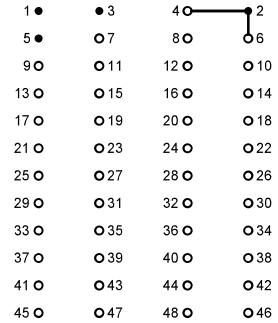


Switching Angle: 45
Total switching Angle: 360

		1	3	5	7	9	11	13	15	17	19	21	23
		2	4	6	8	10	12	14	16	18	20	22	24
0	270												
	285												
	300												
1	315	■											
	330												
	345												
2	0		■										
	15		■										
	30		■										
3	45	■	■										
	60												
	75												
4	90			■									
	105			■									
	120			■									
5	135	■		■									
	150			■									
	165			■									
6	180		■	■									
	195		■	■									
	210		■	■									
7	225	■	■	■									
	240												
	255												

Version: 33

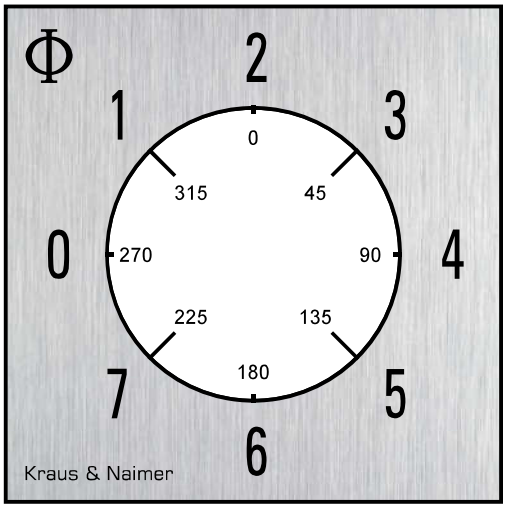
Jumpers



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Face plate

S0.F322/A1B.PEL

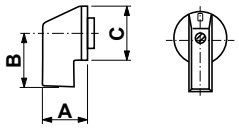


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HANDLES

Designation: S0C.G251
Handle colour: "1" black

GENERAL TECHNICAL INFORMATION	
Recommended screw driver	
Type of screw driver	*Value*
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x4



A	22,00 mm	B	23,80 mm	C	27,60 mm