



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	

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 (mm ²) or (AWG/kcmil)	Material of the wire
Solid wire	Min.	1	0.5mm ²	Copper
Flexible wire	Min.	1	0.75mm ²	Copper
Flexible wire	Min.	2	0.75mm ²	Copper
Flexible wire	Max.	2	2.5mm ²	Copper
Flexible wire	Max.	2	AWG 14	Copper
Flexible wire	Min.	2	0.5mm ²	Copper
Single-core or stranded wire	Max.	2	AWG 12	Copper
Single-core or stranded wire	Max.	2	2.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Max.	2	2.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm ²	Copper

Stripping length

Length (mm) --



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

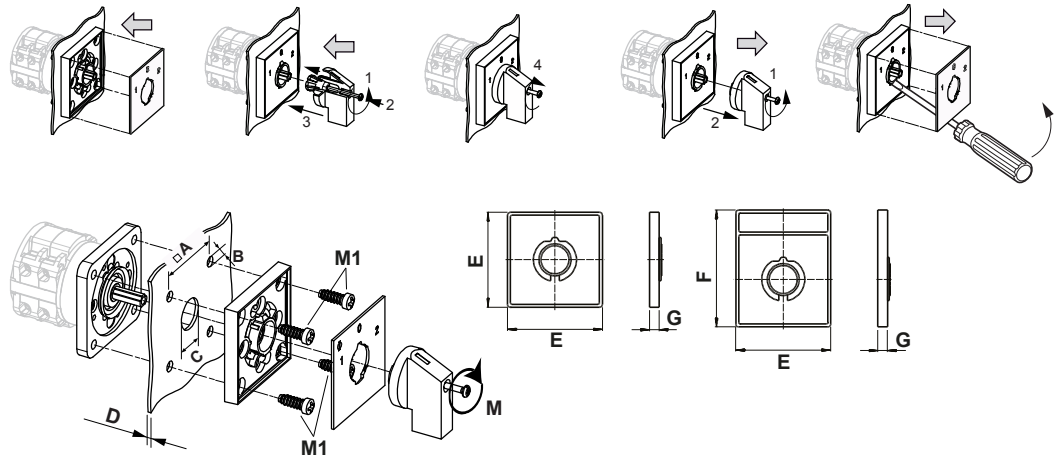
Proposition 65

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

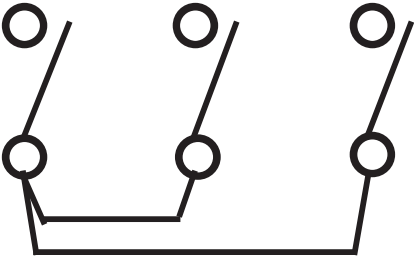
Mounting-EF



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	↺ 0,50 Nm
M1	↺ 0,90 Nm

Wiring diagram

CAD11.A540.EF

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

Switch program

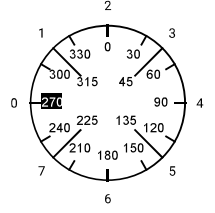
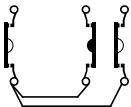
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 Kraus & Naimer

CAD11

A540

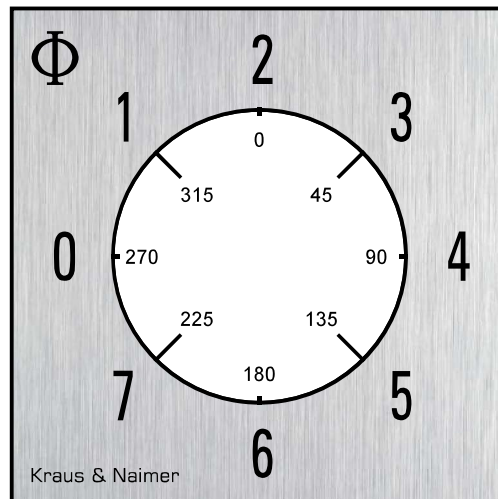
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Face Plate													
		1	3	5	7	9	11	13	15	17	19	21	23
													
Switching Angle 45 Total switching Angle 360		2	4	6	8	10	12	14	16	18	20	22	24
0	270												
	285												
	300												
1	315	■											
	330												
	345												
2	0		■										
	15												
	30												
3	45	■											
	60												
	75												
4	90				■								
	105												
	120												
5	135	■											
	150												
	165												
6	180			■									
	195												
	210												
7	225	■											
	240												
	255												
		Jumpers 1 ● 3 ● 4 ○ — 2 5 ● 7 ○ 8 ○ 6 ○ 9 ○ 11 ○ 12 ○ 10 ○ 13 ○ 15 ○ 16 ○ 14 ○ 17 ○ 19 ○ 20 ○ 18 ○ 21 ○ 23 ○ 24 ○ 22 ○ 25 ○ 27 ○ 28 ○ 26 ○ 29 ○ 31 ○ 32 ○ 30 ○ 33 ○ 35 ○ 36 ○ 34 ○ 37 ○ 39 ○ 40 ○ 38 ○ 41 ○ 43 ○ 44 ○ 42 ○ 45 ○ 47 ○ 48 ○ 46 ○											

Version: 33

Face plate

S0.F322/A1B.PEL



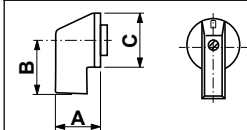
HANDLES

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
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