



Sample image

## CA10

Type Size: S0

Classification Contact: SOLID CONTACT

Classification Contact Mat: SILVER

Classification Terminal: SCREW TERMINAL

Contact development: A241

Face plate engraving: F109

Type of mounting: E

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

Rated insulation voltage  $U_i$ 

Voltage (V) AC / DC
690 AC / DC

Rated impulse withstand voltage  $U_{imp}$ 

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  $I_u/I_{th}$ 

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  $I_e$ 

Utilization category	Voltage (V)	Current (A)
AC-15	220-240	5
AC-15	380-440	4

## Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	Current (A)
AC-3	220-240	3	3	3,00	--
AC-3	380-440	3	3	5,50	11,50
AC-3	660-690	3	3	5,50	--
AC-3	220-240	1	2	2,20	--
AC-3	380-440	1	2	3,00	--
AC-23A	220-240	3	3	3,70	--
AC-23A	380-440	3	3	7,50	15,50
AC-23A	660-690	3	3	7,50	--
AC-23A	220-240	1	2	2,50	--
AC-23A	380-440	1	2	3,70	--

## UL60947-4-1, UL508

## 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.

## 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.

Rated insulation voltage  $U_i$ 

Voltage (V) AC / DC
300 AC

## GENERAL TECHNICAL INFORMATION

## Tightening torque of screws

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

## Stripping length

Length (mm) --
8 STRIPPINGLENGTH

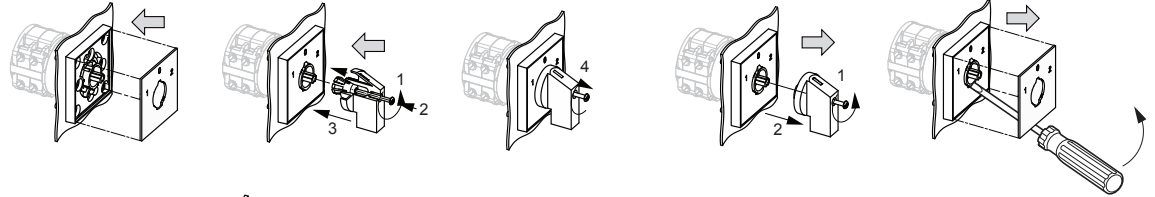
## Size of conductor

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm <sup>2</sup> ) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	0.5mm <sup>2</sup>	Copper
solid wire	Min.	2	0.5mm <sup>2</sup>	Copper
flexible wire	Min.	1	0.75mm <sup>2</sup>	Copper

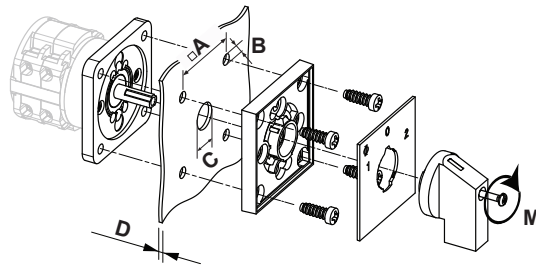
<b>Size of conductor</b>				
<b>composition of conductor</b>	<b>Min. / Max. value</b>	<b>No. of conductor per terminal</b>	<b>Cross section (mm<sup>2</sup>) or (AWG/kcmil)</b>	<b>Material of the wire</b>
flexible wire	Min.	2	0.75mm <sup>2</sup>	Copper
flexible wire	Max.	2	2.5mm <sup>2</sup>	Copper
flexible wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	AWG 12	Copper
Single-core or stranded wire	Max.	2	2.5mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	2.5mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm <sup>2</sup>	Copper






**Mounting-E**

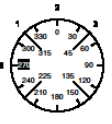

Mounting-E



BF\_C\_E



IP - Code front side		IP40
Stages		1,00 - 12,00
A		36,00 mm
B		5,00 mm
C		8,00 - 19,00 mm
D		<= 4,00 mm
M		0,50 Nm

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

Look	Pcs.	Optional Extras	Jumpers
Mounting			
Face Plate			1 ● ●3 4 ● ●2
Handle			5 ● ●7 8 ● ●6
Latch. Mech.	E108		9 ● ●11 12 ● ●10
Stop	SSC.E101.22		13 ● ●15 16 ● ●14
Stop degree			17 ● ●19 20 ● ●18
No. of Stages	2		21 ● ●23 24 ● ●22
Master data	0		25 ● ●27 28 ● ●26
Reference	WINKLER		29 ● ●31 32 ● ●30
Date	2014-01-14 13:07		33 ● ●35 36 ● ●34
Modify Date			37 ● ●39 40 ● ●38
Cust. NO.			41 ● ●43 44 ● ●42
Company			45 ● ●47 48 ● ●46
Version	68		

## F109

