



Sample image

CA10

Type Size: S0

Classification Contact: SOLID CONTACT

Classification Contact Mat: SILVER

Classification Terminal: SCREW TERMINAL

Contact development: A216

Type of mounting: FT2

Reference number: CA10 A216 -600 FT2

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)	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	--

Max Fuse Rating IEC

Fuse characteristic	Numb Fuses	Current (A)
gG	1	25

UL60947-4-1 , UL508

Nominal Voltage

Voltage (V) AC / DC
300 AC / DC

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	1,00

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)
60-75	--

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.

General Use

AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	300	20	1	2	1

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	300	20	3	3	1
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)	
DOL	110-120	1	2	0,50	
DOL	220-240	1	2	1,00	
DOL	277-277	1	2	2,00	
DOL	110-120	3	3	1,50	
DOL	220-240	3	3	3,00	
Pilot duty rating code					
Duty Code					
A300					

CSA					
Nominal Voltage					
		Voltage (V) AC / DC			
		300 AC			
Temp. rating of wire					
		Temperature rating (°C)			Current (A)
		75			--

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	300	20	1	1	1

GENERAL TECHNICAL INFORMATION

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

Stripping length	
Length (mm) --	
8 STRIPPINGLENGTH	

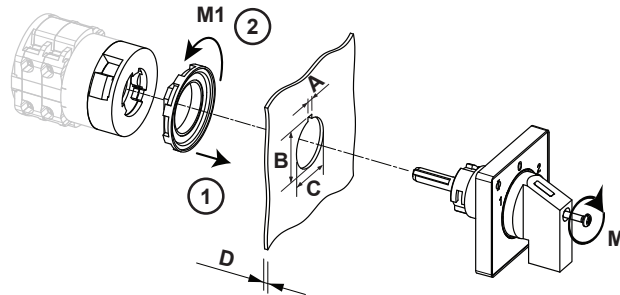
Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	0.5mm ²	Copper
solid wire	Min.	2	0.5mm ²	Copper
flexible wire	Min.	1	0.75mm ²	Copper
flexible wire	Min.	2	0.75mm ²	Copper
flexible wire	Max.	2	2.5mm ²	Copper
flexible wire	Max.	2	AWG 14	Copper
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	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	Min.	2	0.5mm ²	Copper

Recommended screw driver	
Type of screw driver	Value
Cross Screwdriver	PH1
Flat blade	0,8x4

General Information	
Text	
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.	
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.	

Mounting-FT2

BF_C_FT2



IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	I I	3,20 mm
A+_tol.	I I	0,20 mm
A-_tol.	I I	0,00 mm
B	I I	24,10 mm
B+_tol.	I I	0,40 mm
B-_tol.	I I	0,00 mm
C	∅	22,30 mm
C+_tol.	∅	0,40 mm
C-_tol.	∅	0,00 mm
D	I I	<= 6,00 mm
M	↻	0,50 Nm
M1	↻	1,80 Nm

