



Sample image

CA20B

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Contact development: A711

Face plate engraving: F436

Type of mounting: E

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

Rated insulation voltage Ui

Voltage (V)	AC / DC
690	AC / DC

Rated uninterrupted current Iu/Ith

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
25	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	8
AC-15	380 - 440	5

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	Current (A)
AC-3	220 - 240	3	3	4	--
AC-3	380 - 440	3	3	7,50	15,50
AC-3	660 - 690	3	3	7,50	--
AC-3	220 - 240	1	2	3	--
AC-3	380 - 440	1	2	3,70	--
AC-23A	220 - 240	3	3	5,50	--
AC-23A	380 - 440	3	3	11	22
AC-23A	660 - 690	3	3	11	--
AC-23A	220 - 240	1	2	3	--
AC-23A	380 - 440	1	2	5,50	--

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 disconnect 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 disconnect the device shall be provided with a method of being locked in the OFF-position.

Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

GENERAL TECHNICAL INFORMATION

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
1	9

Stripping length

Length (mm)	--
9	STRIPPINGLENGTH

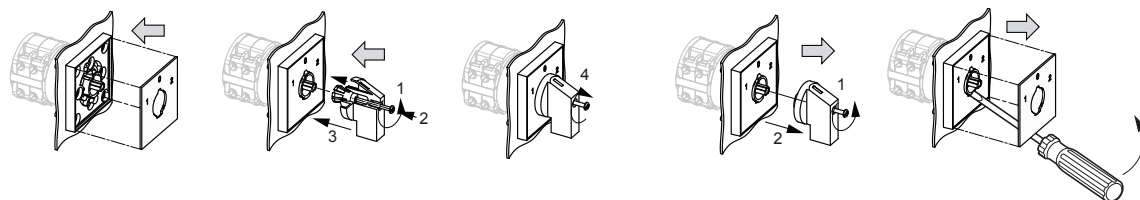
Size of conductor

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
flexible wire	Max.	2	AWG 12	Copper

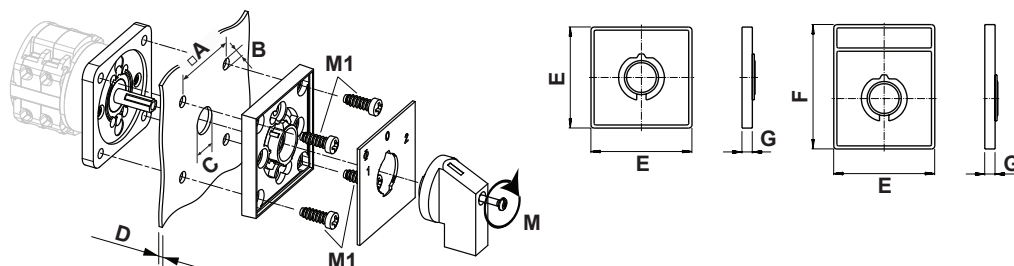
Size of conductor					
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire	
flexible wire	Max.	2	4mm ²	Copper	
Single-core or stranded wire	Max.	2	AWG 10	Copper	
Single-core or stranded wire	Max.	2	4mm ²	Copper	
flexible wire with ferrule according to DIN 46228	Max.	2	2.5mm ²	Copper	

Mounting-E

Mounting-E



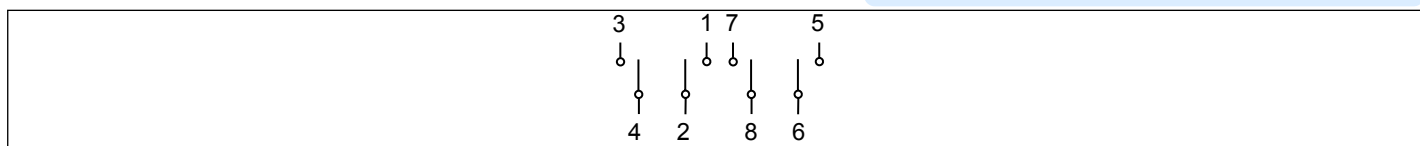
BF_C_E_FP_M



IP - Code front side		IP40
Stages		1,00 - 12,00
A	□	48,00 mm
B	∅	5,00 mm
C	∅	10,00 - 22,00 mm
D	H	<= 4,00 mm
E	H	64,00 mm
F	H	78,00 mm
G	H	7,40 mm
M	M̂	0,70 Nm
M1	M̂	0,90 Nm

Wiring diagram

CA20B.A711.E



Face plate

S0.F436/A10.E1L

