

Markings:

CE

In conformity with requirements requested by:
Low Voltage Directive 2006/95/EC,
Machinery Directive 2006/42/EC and
Electromagnetic Compatibility 2004/108/EC.
Positive contact opening in conformity with standards:
IEC 60947-5-1, EN 60947-5-1, VDE 0660-206.

Technical data

Housing

Made of shock-proof technopolymer with double insulation ⧈
Complete with emergency stop push button
First lateral knock out conduit entry PG 13,5 / M20x1,5 / 1/2 NPT
Second lateral knock out conduit entry PG 11 / 3/8 NPT
Knock out conduit entry from bottom PG 13,5 / M20x1,5 / 1/2 NPT
Protection degree: IP65
Stainless steel fixing cap screws

Actuator

Ambient temperature:	from -25°C to +70°C
Mechanical endurance:	300.000 operations cycles

Cross section of the conductors (flexible copper wire)

Contact block:	min.	1 x 0,75 mm²	(1 x AWG 18)
	max.	1 x 2,5 mm²	(1 x AWG 14)

In conformity with standards:

IEC 60947-5-1, EN 60947-5-1, EN ISO 13850, EN 418, UL 508

Contacts

Double cutoff, positive opening NC contacts in conformity with IEC 947-5-1, terminals with retained screws system and self-lifting plates. Terminal clamps supplied unscrewed, with protection degree IP20. Made of self-extinguish material V0 according to UL 508.

Electrical data

without connectors

Thermal current (Ith): 16 A
Rated insulation voltage (Ui): 500 VAC 600 VDC
Pollution degree: 3

with 4 poles M12 connectors

Thermal current (Ith): 4 A
Rated insulation voltage (Ui): 250 VAC 300 VDC
Pollution degree: 3

Utilization categories

Alternate current: AC15 (50÷60 Hz)

Ue (V)	24	60	110	230	400	500
Ie (A)	16	12	8	6	4,5	3

Direct current: DC13

Ue (V)	24	48	60	110	220
Ie (A)	2	1,2	0,85	0,4	0,25

Alternate current: AC15 (50÷60 Hz)

Ue (V)	24	110	230
Ie (A)	4	4	4

Direct current: DC13

Ue (V)	24	110	220
Ie (A)	2	0,4	0,25

Code structure

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

article: **CC 01AAB00AB** — options: **-K71**

Actuator

AAB	Ø 40 mm emergency stop mushroom head push button, EN 418 compliant

Plate

00	no plate
01	Ø 60 mm yellow disk emergency stop

For the complete list of all combinations please contact our technical office.

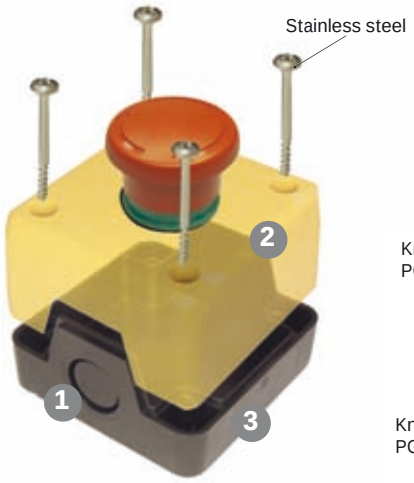
Contact diagram

AB	1NC
AC	2NC
AD	1NC+1NO

M12 assembled connector (see page 5/1)

	without connector (standard)
K71	M12 plastic connector with 4 poles

Conduit entries disposition





Knock out lateral conduit entry
PG 13,5 / M20x1,5 / 1/2 NPT



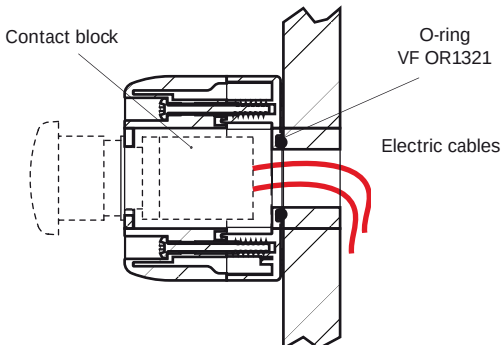
Knock out conduit entry from bottom
PG 13,5 / M20x1,5 / 1/2 NPT



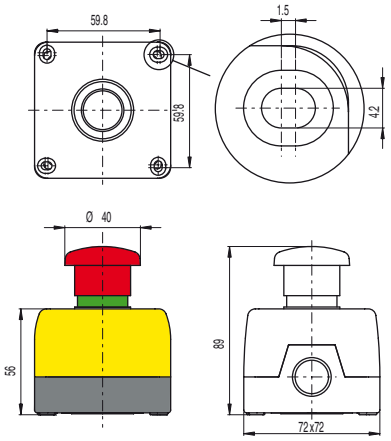
Knock out lateral conduit entry
PG 11 / 3/8 NPT

Knock out conduit entry from bottom

Using the bottom entry for wiring, it is possible to keep the protection degree IP65 using an O-ring (art. VF OR1321) placed in the seat as you can see in the image below.

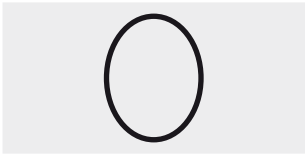


Dimensional drawings



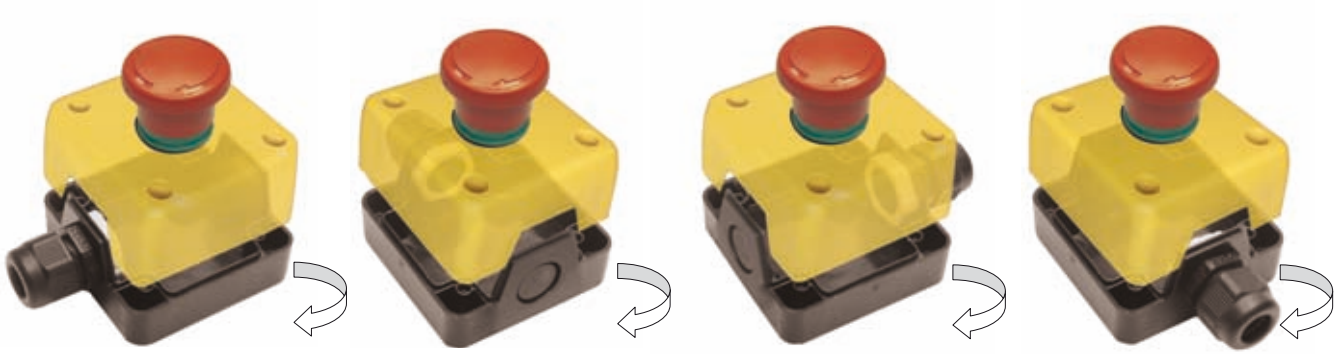
Accessories

Articles	Description
VF OR1321	Oil resistant rubber O-ring



Versatility

The boxes CC series have fixing holes designed in square form, in order to orient conduit entries towards the easier side for the installation. The double nick in the cap allows to install the push button in two orthogonal positions.
The symmetric cap allows to orient the conduit entries of the box towards the easier side without changing the button orientation on the cover.



All measures in the drawings are in mm