

CBU, SWU and RCU Series Branch Circuit Breakers, Switches, Relays and Contactors

For Increased Safety Enclosures

Zone 1 and 2
Gas (G)

Applications

- Useful as back-up circuit breaker protection or as main circuit breaker protection for hazardous areas.
- To be fitted inside increased safety Ex e enclosures.

Features

- Up to 40 A for 2-pole circuit breaker versions.
- Up to 63 A for 2-pole with GFI, 3-pole and 4-pole circuit breaker versions.
- Up to 63 A for switch versions.
- Breaking capacity 10 kA – 400 V according to EN/IEC 60947-2 standard.
- Breaking capacity 6 kA – 400 V according to EN/IEC 60898 standard.
- Supplied with front rotary control handle padlockable in OFF position.
- Terminal capacity: 1 x 25 mm².
- Mounting in polyester (ECEP series) or in 316L stainless steel (ECES series) enclosures. Can be fixed either on the door or at the back of the enclosure.

Standard Materials

- Housing: polyamide

Certifications and Compliances

◆ ATEX/IECEx Certification

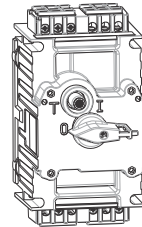
- **Certification Type IT40U (2-pole versions)**
 - Gas: Zones 1 and 2 (Authorized to be used in an approved dustproof enclosure)
 - Conforming to ATEX 94/9/CE: Ⓜ II 2 G
 - Type of Protection Ex de IIC
 - Service Temperature: -20 °C to +100 °C
 - CE Declaration of Conformity: 5C216
 - ATEX Certificate: LCIE 02 ATEX 0035U
 - IECEx Certificate: IECEx LCI 04.0033U
- **Certification Type CBU (2-pole GFI, 3 and 4-pole versions)**
 - Gas: Zones 1 and 2 (Authorized to be used in an approved dustproof enclosure)
 - Conforming to ATEX 94/9/CE: Ⓜ II 2 G
 - Type of Protection Ex de IIC
 - Service Temperature: -20 °C to +100 °C
 - CE Declaration of Conformity: 5C244
 - ATEX Certificate: LCIE 09 ATEX 3068U
 - IECEx Certificate: IECEx LCI 09.0023L

◆ EURASEC Certification

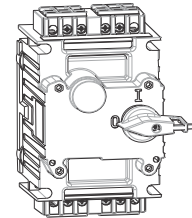
- **Certification Type IT40U (2-pole versions)**
 - EURASEC N° TC RU C-FR.1605.B.00909
- **Certification Type CBU (2-pole GFI, 3 and 4-pole versions)**
 - EURASEC N° TC RU C-FR.1605.B.00909

◆ Others Certification ①

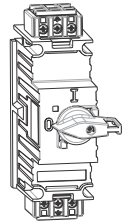
- **Certification Type IT40U (2-pole versions)**
 - Inmetro Certificate: BVC 11.0594-U
- **Certification Type CBU (2-pole GFI, 3 and 4-pole versions)**
 - Inmetro Certificate: BVC 10.0011-U



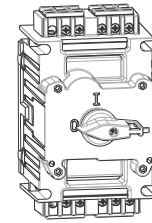
2-Pole Circuit Breaker with GFI



4-Pole Circuit Breaker



2-Pole Circuit Breaker



4-Pole Switch

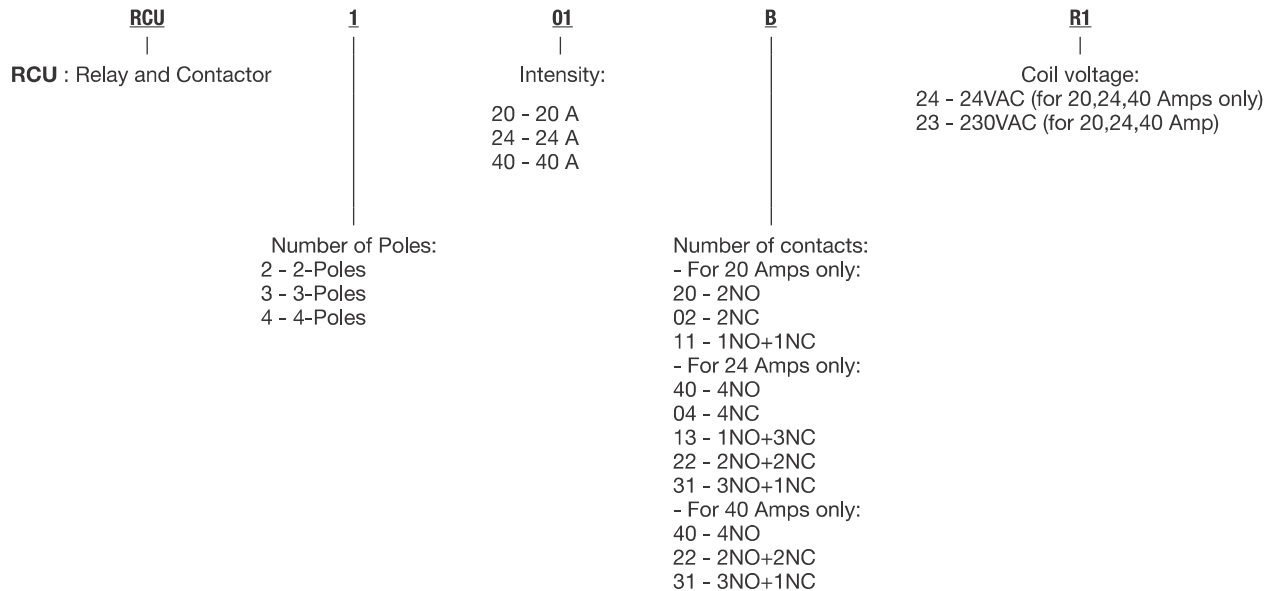
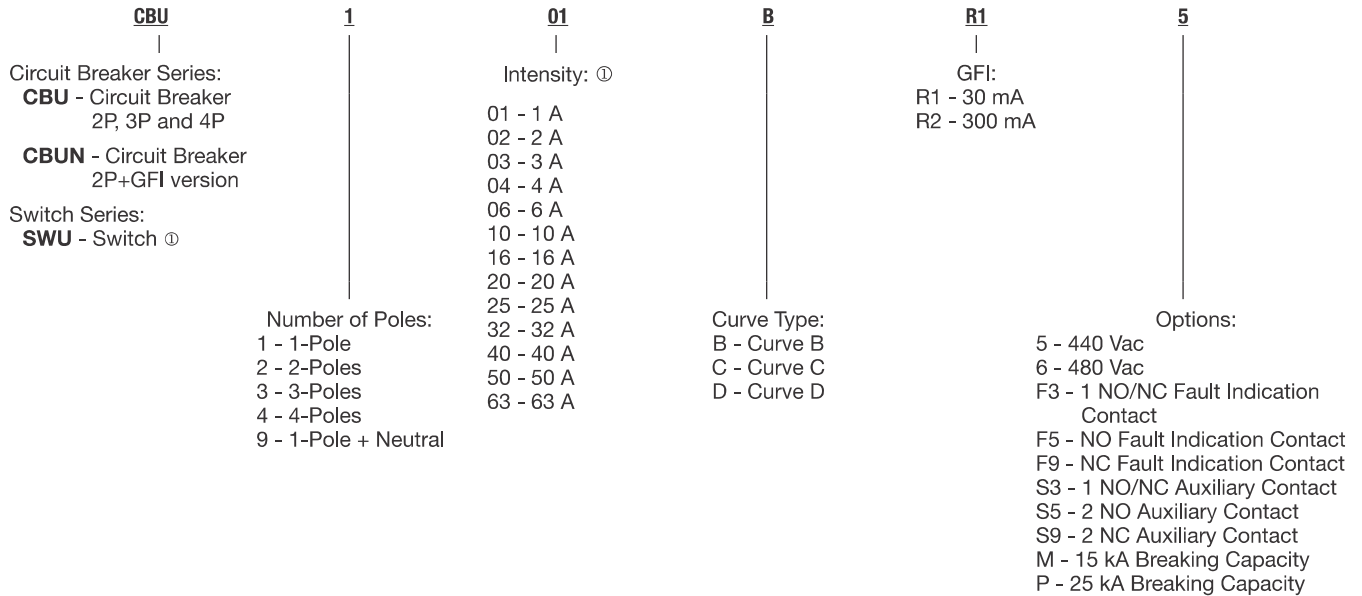
① Inmetro certification available on special request only. Contact your local sales for more information.

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Catalog Numbering Guide – ATEX/IECEX Certified Branch Circuit Breakers, Switches, Relays and Contactors



① SWU Series Switches: Up to 40 Amps for 2-pole version. Up to 63 Amps for 3- and 4-pole versions. Example: 3-pole, 25 Amp switch – SWU325.

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Circuit Breakers – CBU Series

	Weight kg	Volume dm ³	Certified Type	Catalog Number
2-Pole Branch Circuit Breaker – 230/240 Vac – Tripping Curve C				
2 x 6 A	1.9	1.1	IT40U	CBU206C
2 x 10 A	1.9	1.1	IT40U	CBU210C
2 x 16 A	1.9	1.1	IT40U	CBU216C
2 x 20 A	1.9	1.1	IT40U	CBU220C
2 x 25 A	1.9	1.1	IT40U	CBU225C
2 x 32 A	1.9	1.1	IT40U	CBU232C
2-Pole GFI Branch Circuit Breaker – 230/240 Vac – Tripping Curve C				
2 x 10 A/30 mA	1.9	3.1	CBU	CBUN210CR1
2 x 16 A/30 mA	1.9	3.1	CBU	CBUN216CR1
2 x 20 A/30 mA	1.9	3.1	CBU	CBUN220CR1
2 x 10 A/300 mA	1.9	3.1	CBU	CBUN210CR2
2 x 16 A/300 mA	1.9	3.1	CBU	CBUN216CR2
2 x 20 A/300 mA	1.9	3.1	CBU	CBUN220CR2
3-Pole Branch Circuit Breaker – 380/415 Vac – Tripping Curve C				
3 x 6 A	1.9	3.1	CBU	CBU306C
3 x 10 A	1.9	3.1	CBU	CBU310C
3 x 16 A	1.9	3.1	CBU	CBU316C
3 x 20 A	1.9	3.1	CBU	CBU320C
3 x 25 A	1.9	3.1	CBU	CBU325C
3 x 32 A	1.9	3.1	CBU	CBU332C
4-Pole Branch Circuit Breaker – 380/415 Vac – Tripping Curve C				
4 x 6 A	1.9	3.1	CBU	CBU406C
4 x 10 A	1.9	3.1	CBU	CBU410C
4 x 16 A	1.9	3.1	CBU	CBU416C
4 x 20 A	1.9	3.1	CBU	CBU420C
4 x 25 A	1.9	3.1	CBU	CBU425C
4 x 32 A	1.9	3.1	CBU	CBU432C

Relays and Contactors – RCU Series

2 and 4-pole versions:

- Rated current: 20 A, 24 A, 40 A and 63 A.
- Rated voltage: Up to 415 V - 50/60 Hz.
- Coil voltage: Up to 240 V - 50/60 Hz.
- Consult factory for further details.

CBU and SWU Bracket

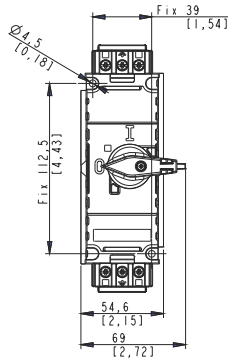
	Description	Catalog Number
	Bracket for door fixing for 2-pole MCB	096650

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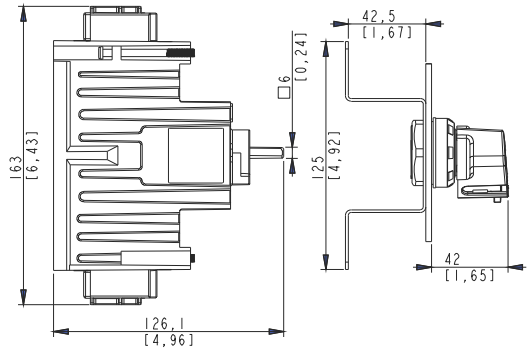
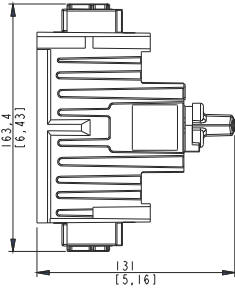
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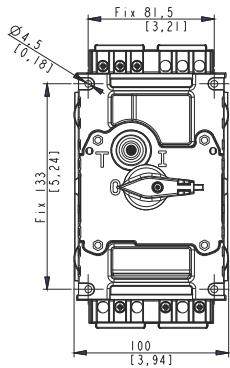
Dimension in Millimeters



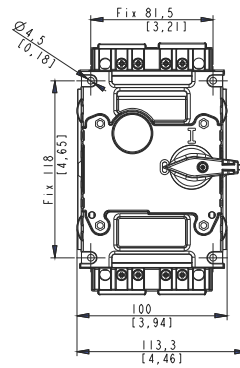
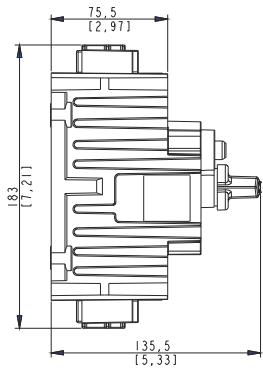
1 / 2 Poles Circuit Breaker
1 Pole + Aux. Circuit Breaker



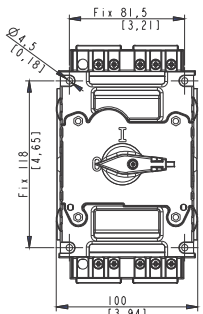
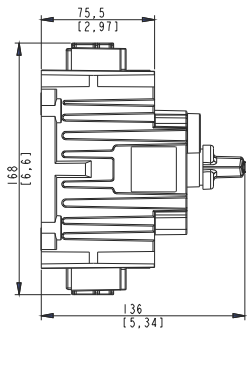
With fixing kit 2 Poles 096650



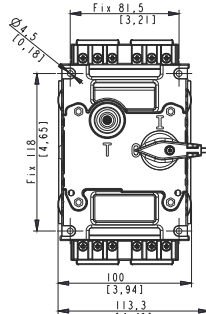
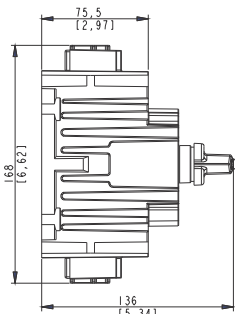
2 Poles Circuit breaker with GFI
2 Poles + Aux Circuit Breaker with GFI



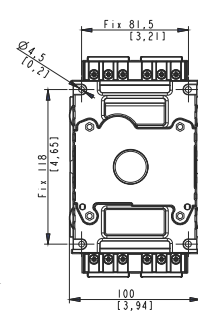
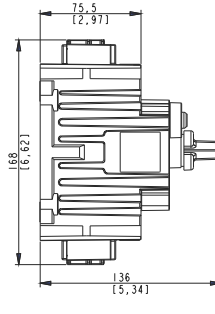
2 / 3 / 4 Poles + Aux. Circuit Breaker
3 / 4 Poles Circuit Breaker



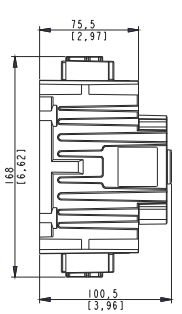
3 / 4 Poles Switch Breaker
3 / 4 Poles + Aux. Switch Breaker



4 Poles Switch with Earth Leakage
4 Poles + Aux. Switch with Earth Leakage



2 / 3 / 4 Poles Contactor



Distribution Equipment

CIRCUIT BREAKERS