

ATX™ CBU, SWU, RCU Series Branch Circuit Breakers, Switches, Relays, Contactors

For Increased Safety Enclosures

ATEX/IECEX:
Zone 1 and 2
II 2 GD

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 (0.002 x 0.039 in²).
- 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

ATEX/IECEX Certifications and Compliances

- 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 +55 °C (-4 °F to +131 °F)
 - CE Declaration of Conformity: 5C216
 - ATEX Certificate: LCIE 02 ATEX 0035U
 - IECEX Certificate: IECEX LCI 04.0033U
- Certification Type CBU (2-pole GFI, 3-pole 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 +55 °C (-4 °F to +131 °F)
 - 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.Г505.B.00909
- Certification Type CBU (2-pole GFI, 3 and 4-pole versions)
 - EURASEC N° TC RU C-FR.Г505.B.00909

Other 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 representative for more information.

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

<p>CBU</p> <p>Circuit Breaker Series: CBU - Circuit Breaker 2P, 3P and 4P</p> <p>CBUN - Circuit Breaker 2P+GFI version</p> <p>Switch Series: SWU - Switch ①</p>	<p>1</p> <p>Number of Poles: 1 - 1-Pole 2 - 2-Poles 3 - 3-Poles 4 - 4-Poles 9 - 1-Pole + Neutral</p>	<p>01</p> <p>Intensity: ①</p> <p>01 - 1 A 02 - 2 A 03 - 3 A 04 - 4 A 06 - 6 A 10 - 10 A 16 - 16 A 20 - 20 A 25 - 25 A 32 - 32 A 40 - 40 A 50 - 50 A 63 - 63 A</p>	<p>B</p> <p>Curve Type: B - Curve B C - Curve C D - Curve D</p>	<p>R1</p> <p>GFI: R1 - 30 mA R2 - 300 mA</p>	<p>5</p> <p>Options: 5 - 440 Vac 6 - 480 Vac F3 - 1 NO/NC Fault Indication Contact F5 - NO Fault Indication Contact F9 - NC Fault Indication Contact S3 - 1 NO/NC Auxiliary Contact S5 - 2 NO Auxiliary Contact S9 - 2 NC Auxiliary Contact M - 15 kA Breaking Capacity P - 25 kA Breaking Capacity</p>
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Catalog Numbering Guide – ATEX/IECEX Certified Relays and Contactors

<p>RCU</p> <p>RCU : Relay and Contactor</p>	<p>1</p> <p>Number of Poles: 2 - 2-Poles 3 - 3-Poles 4 - 4-Poles</p>	<p>01</p> <p>Intensity:</p> <p>20 - 20 A 24 - 24 A 40 - 40 A</p>	<p>B</p> <p>Number of contacts: - For 20 Amps only: 20 - 2NO 02 - 2NC 11 - 1NO+1NC - For 24 Amps only: 40 - 4NO 04 - 4NC 13 - 1NO+3NC 22 - 2NO+2NC 31 - 3NO+1NC - For 40 Amps only: 40 - 4NO 22 - 2NO+2NC 31 - 3NO+1NC</p>	<p>R1</p> <p>Coil voltage: 24 - 24VAC (for 20,24,40 Amps only) 23 - 230VAC (for 20,24,40 Amp)</p>
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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.