





PHASE CLAMPS FOR RECTANGULAR SECTION CONDUCTORS: FLAT BARS, PACKETS OF BARS OR FLAT PROFILES OF VARIOUS THICKNESSES

The **classic phase clamp for rectangular section conductors (C)** is a screw-fastening clamp allowing the tightening of conductor between the clamp's body and its mobile jaw. The tightening force is provided by the clamping torque of the clamp's driving screw. Both the clamp body and the jaw are aluminium alloy die cast items. The driving screw has a "RO bayonet" end which allows easy coupling and detachment of the clamp from the "RO bayonet" coupling systems of insulating sticks. The **dismounting of the clamp from the conductor** is obtained through mobile jaw's lowering, followed by the detachment of the clamp from the conductor.

The **automatic phase clamp for rectangular section conductors (CA)** is also a screw-operated fastening clamp, the conductor being tightened between the clamp's body and its mobile jaw. Additionally, this type of clamp is provided with a system of levers and springs that allows the automatic closing of the clamp's jaw upon the contact of levers with the conductor (**pre-fastening** of the clamp on the conductor). Subsequently to this phase, which provides much easier handling the clamp, the fixing of the clamp must be completed through the tightening of the driving screw to the proper torque specification. Similar to the classic clamp, the automatic clamp includes two aluminium alloy cast items and a driving screw provided with a "RO bayonet" end. The automatic phase clamps for rectangular section conductors are recommended to be fixed on rectangular section conductors in **vertical or slanting** position.

The **dismounting of the clamp from the conductor** is similar to the one used by the classic clamp, more exactly the screw is unscrewed, the jaw is lowered until there is sufficient space to detach the clamp from the flat bar.

CLASSIC CLAMP (C)	AUTOMATIC CLAMP (CA)
<p>Code P 231-0-00C</p> <p>⚡ $I_{sc} = 30 \text{ kA/1s}$</p> <p>⚙️ Cast body</p> <p>🔲 Aluminium alloy</p> <p>📏 0,58 kg</p>  <p>40 mm</p>	<p>Code P 235-0-00C</p> <p>⚡ $I_{sc} = 30 \text{ kA/1s}$</p> <p>⚙️ Cast body</p> <p>🔲 Aluminium alloy</p> <p>📏 0,90 kg</p>  <p>37 mm</p>

PHASE CLAMPS FOR ROUND SECTION CONDUCTORS: MULTI-CORE FLEXIBLE CONDUCTORS, RIGID BARS, T-TYPE FIXED POINTS

Lightweight Universal Classic Phase Clamps CCTU/E for round conductors are applied on the conductor by attaching / hanging on the conductor bar / piece.

The clamps are screw-fastening clamps, allowing the tightening of conductor bar or piece between the clamp's body and the mobile jaw. The tightening force is provided by the clamping torque of the clamp's driving screw. Both the clamp body and the jaw are aluminium alloy die cast items. The clamp's driving screw has a "RO bayonet" end. Having small dimensions and lightweight construction, these clamps are recommended for use in low voltage power installations and in other power installations where the spaces between the conductor bars are extremely small or where the application of the clamp is made from a small distance.

The **dismounting** of the clamp from the conductor is similar for all types of screw-fastening clamps, more exactly the driving screw is unscrewed, the mobile jaw is lowered until there is sufficient space to detach the clamp from the conductor bar / piece.

The **automatic phase clamp for round section conductors (CA)** is also a screw-operated fastening clamp, the conductor being tightened between the clamp's body and its mobile jaw. Additionally, this type of clamp is provided with a system of levers and springs that allows the automatic closing of the clamp's jaw upon the contact of levers with the conductor (**pre-fastening** of the clamp on the conductor). Subsequently to this phase, which provides much easier handling the clamp, the fixing of the clamp must be completed through the tightening of the driving screw to the proper torque specification. Similar to the classic clamp, the automatic clamp includes two aluminium alloy cast items and a driving screw provided with a "RO bayonet" end.

The **dismounting of the clamp from the conductor** is similar to the one used by the classic clamp, more exactly the screw is unscrewed, the jaw is lowered until there is sufficient space to lift the clamp from the round conductor.

LIGHTWEIGHT UNIVERSAL
TRANSVERSAL CLAMP (CCTU)

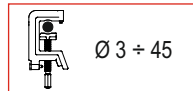
Code P 2449-0-00

⚡ I_{sc} = 30 kA/1s

Cast bod

Aluminium alloy

kg 0,53



AUTOMATIC CLAMP (CA)

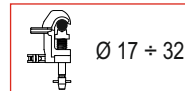
Code P 236-0-00C

⚡ I_{sc} = 30 kA/1s

Extruded body

Aluminium alloy

kg 1,10

LIGHTWEIGHT UNIVERSAL CLASSIC PHASE CLAMPS,
FOR CONDUCTORS OF VARIOUS SHAPES

Lightweight Universal Classic Phase Clamps (CCRU, CCNU and CCTU type) can be applied on a wide variety of conductor bars of rectangular or cylindrical section and on spherical pieces (Ball studs) of 20 / 25 mm diameter.

There are three clamp sizes: the **Lightweight Universal Classic Reduced Clamp (CCRU)**, **Lightweight Universal Classic Normal Clamp (CCNU)** and **Lightweight Universal Transversal Clamp (CCTU)**. The clamps are applied on the conductor by attaching / hanging on the conductor bar / piece.

The clamps are screw-fastening clamps, allowing the tightening of conductor bar or piece between the clamp's body and the mobile jaw. The tightening force is provided by the clamping torque of the clamp's driving screw. Both the clamp body and the jaw are aluminium alloy die cast items. The clamp's driving screw has usually a "RO bayonet" end, but other ends are available: "hexagon 12", "DIN bayonet", **insulated handle** or **sliding cross rod**. Having small dimensions and lightweight construction, these clamps are recommended for use in low voltage power installations and in other power installations where the spaces between the conductor bars are extremely small or where the application of the clamp is made from a small distance.

The **dismounting** of the clamp from the conductor is similar for all types of screw-fastening clamps, more exactly the driving screw is unscrewed, the mobile jaw is lowered until there is sufficient space to detach the clamp from the conductor bar / piece.

LIGHTWEIGHT UNIVERSAL
CLASSIC REDUCED CLAMP (CCRU)

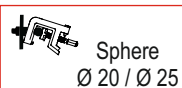
Code P 2402-0-00

⚡ I_{sc} = 12,50 kA/1s

Cast body

Aluminium alloy

kg 0,29

LIGHTWEIGHT UNIVERSAL
CLASSIC NORMAL CLAMP (CCNU)

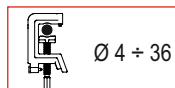
Code P 2403-0-00

⚡ I_{sc} = 23,75 kA/1s

Cast body

Aluminium alloy

kg 0,42

LIGHTWEIGHT UNIVERSAL
TRANSVERSAL CLAMP (CCTU)

Cod P 2449-0-00

⚡ I_{sc} = 30 kA/1s

Cast body

Aluminium alloy

kg 0,53

