



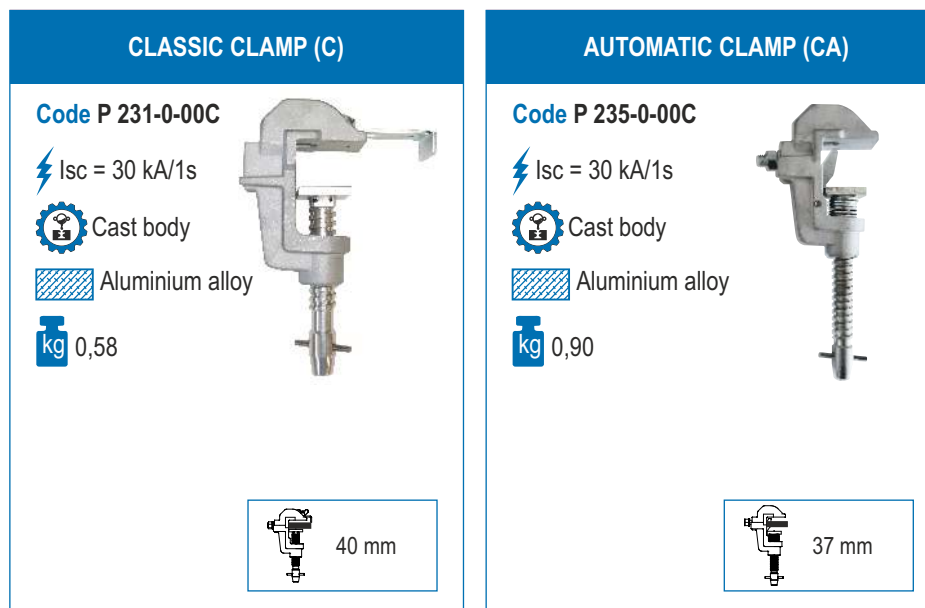
PHASE CLAMPS

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.



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

The **classic reduced phase clamp for round section conductors (Cr)** has a profile which facilitate its hanging on conductor horizontally positioned or slightly inclined towards the ground. The reduced classic clamp is a clamp with screw fastening, where the conductor is firmly fastened between the clamp's body and the mobile jaw driven by screw.

The **tightening force** is provided by the clamping torque of the clamp's driving screw. Both the clamp body and the mobile 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.

In order to reduce the operator's effort, the tightening of the driving screw is relieved by the presence of a compression spring which allow an easy movement of the mobile jaw.

The clamp is **detached from the conductor** by the simple opening of the clamp (by unscrewing the driving screw, the mobile jaw is lowered), followed by the lifting of the clamp from the conductor.

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.