



PHASE CLAMPS

UNIVERSAL PHASE CLAMPS FOR CONDUCTORS OF VARIOUS SHAPES

The **Universal Classic Phase Clamp (CCU)** is a screw-fastening clamp, which can be applied on a wide range of rectangular or cylindrical section conductor bars, "T" fixed points and on spherical pieces (Ball studs) with 30 mm diameters.

It is a robust clamp, with a body made of extruded aluminium profile and excellent shock resistance. The clamp driving screw is provided with a "RO bayonet" end, a termination which allows its easy coupling and uncoupling of the clamp from the "RO bayonet" coupling systems of insulating sticks. The clamp's body has a **slanting profile** which facilitates its hanging on conductor horizontally positioned or slightly inclined towards the ground.

The construction and shape of **CCU** clamp is similar to the **Classic Reduced Phase Clamp (Cr)** but it also provides the possibility of slanting application, by side attachment, on flat conductor bars vertically positioned, as well as the possibility to be applied with spherical pieces (Ball studs).

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 **Universal Automatic Phase Clamp (CAU)** is the automatic version of the CCU clamp, as the shape, dimensions and construction of the main components of the clamp (body, jaw and screw) are similar. Like CCU clamp, the CAU clamp has a large opening which allows its application on a wide range of rectangular or cylindrical section conductors, "T" fixed points and spherical pieces (ball studs) 30 mm diameter. The driving screw of the clamp is provided with a "RO bayonet" end.

Unlike the classic CCU clamp, the CAU 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 of the clamp, the fixing of the clamp must be completed through the tightening of the driving screw to the proper torque specification.

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 **Universal Automatic Rapid Phase Clamp (CARU)** represents an improved version of the automatic CAU clamp, having a similar shape, a similar construction and similarly wide applicability. Additionally, the automatic CARU clamp provides – in the application stage – besides the pre-attachment of the clamp upon the contact with the conductor, also an extremely quick fastening of the clamp on the conductor.

Similarly, the **dismounting** of the CARU clamp is a quick procedure, in most situations a single complete rotation of the clamp's driving screw is enough to allow the detachment of the clamp from the conductor.

UNIVERSAL CLASSIC CLAMP (CCU)	UNIVERSAL AUTOMATIC CLAMP (CAU)	UNIVERSAL AUTOMATIC RAPID CLAMP (CARU)
<p>Code P 2393-0-00</p> <p>⚡ I_{sc} = 30 kA/1s</p> <p>⚙️ Extruded body</p> <p>🔲 Aluminium alloy</p> <p>📦 kg 1,28</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Sphere Ø 30 </div> <div style="text-align: center;">  T fixed point Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  Ø 9 ÷ 32 </div> <div style="text-align: center;">  40 mm </div> </div>	<p>Code P 2380-0-00</p> <p>⚡ I_{sc} = 30 kA/1s</p> <p>⚙️ Extruded body</p> <p>🔲 Aluminium alloy</p> <p>📦 kg 1,26</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Sphere Ø 30 </div> <div style="text-align: center;">  T fixed point Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  Ø 9 ÷ 32 </div> <div style="text-align: center;">  40 mm </div> </div>	<p>Code 2390-0-00</p> <p>⚡ I_{sc} = 30 kA/1s</p> <p>⚙️ Extruded body</p> <p>🔲 Aluminium alloy</p> <p>📦 kg 1,10</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Sphere Ø 30 </div> <div style="text-align: center;">  T fixed point Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  Ø 9 ÷ 32 </div> <div style="text-align: center;">  40 mm </div> </div>