



PHASE CLAMPS

PHASE CLAMPS FOR CONDUCTORS OF VARIOUS SHAPES
(UNIVERSAL CLAMPS)

The classic universal phase clamp (CCU) is a clamp tightened with a screw, which can be applied on a wide range of rectangular or round section conductor bars, fixed couplings type T and on spherical parts with 30 mm diametres. It is a robust clamp, with a body made of extruded aluminium profile and excellent shock resistance. The clamp actuating screw is provided with a termination type "RO bayonet", a termination which allows the easy coupling and uncoupling of the clamp from the "RO bayonet" coupling systems of insulating sticks. The clamp body is provided with two teeth to facilitate its remote attachment to conductors arranged horizontally or slightly inclined from the ground.

The construction and shape are similar to the classic reduced clamp (cr) but it also provides the possibility of diagonal application, by lateral clamping, on conductor bars arranged vertically, as well as the possibility to be applied with spherical parts.

The clamp is applied on the conductor by hanging, followed by the tightening of the clamp screw so that the conductor bar is firmly tightened between the clamp body and the mobile jaw.

For dismounting purposes, loosen the screw until the jaw is withdrawn and sufficient space is created in order to remove the clamp from the conductor.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, screw) are similar. Like CCU clamp, the universal automatic clamp CAU has a large opening which allows its application on a wide range of rectangular or round section conductors, "T" fixed couplings and spherical parts 30 mm diameter. The operating screw of the clamp is provided with a "RO bayonet" termination.

Unlike the classic CCU clamp, CAU automatic clamp is provided with a system of levers and springs which allows movement of the clamp jaw after it is hooked on the conductor bar / part, which provides the pre-attachment of the clamp to the conductor. After this phase, the clamp must be firmly tightened on the conductor by operating the screw and locking the jaw position.

The dismounting of the clamp from the conductor is similar to the classic clamp, as the screw is loosened until - given the jaw withdrawal - there is sufficient space to remove the clamp from the conductor.

The universal automatic quick phase clamp (CARU) represents an improved version of the automatic CAU clamp, having a similar shape, a similar construction and similarly wide applicability. In addition to the automated CAU clamp, the automated CARU clamp provides the operator - in the application stage - besides the pre-attachment of the clamp upon the contact with the conductor where it is applied, also with an extremely quick fastening of the clamp from the conductor is performed extremely quick, as in most situations a single complete rotation of the clamp screw is sufficient to allow the detachment of the clamp from the conductor.

CLASSIC UNIVERSAL CLAMP (CCU)	UNIVERSAL AUTOMATIC CLAMP (CAU)	UNIVERSAL AUTOMATIC QUICK 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 data-bbox="138 1701 326 1793"> Sphere Ø 30 </div> <div data-bbox="347 1701 535 1793"> Coupling T Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="138 1816 326 1907"> Ø 9 ÷ 32 </div> <div data-bbox="347 1816 535 1907"> 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 data-bbox="609 1701 797 1793"> Sphere Ø 30 </div> <div data-bbox="818 1701 1006 1793"> Coupling T Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="609 1816 797 1907"> Ø 9 ÷ 32 </div> <div data-bbox="818 1816 1006 1907"> 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 data-bbox="1079 1701 1268 1793"> Sphere Ø 30 </div> <div data-bbox="1289 1701 1477 1793"> Coupling T Ø 28 </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div data-bbox="1079 1816 1268 1907"> Ø 9 ÷ 32 </div> <div data-bbox="1289 1816 1477 1907"> 40 mm </div> </div>