



> IGA TEST COMPACT series

> IGA TEST COMPACT T

Compact three-phase protector against transient and permanent overvoltages with integrated miniature circuit breaker



IGA TEST COMPACT protectors cut off the power supply when they detect a permanent overvoltage, (for example, a fault in the neutral), thus protecting the equipment installed downstream.

To restore the main circuit breaker, it is necessary to reconnect the protective coils in advance using the RESET buttons. Reclosing will always be carried out from the most external coil to the one closest to the MCB.

Moreover, **IGA TEST COMPACT** protectors also actuate when they detect a transient overvoltage, driving the current to earth and reducing the voltage to a level that does not damage the connected equipment.

Tested and certified as a **type 2** protector in **official and independent laboratories** according to standards UNE-EN 61643-11 and GUÍA-BT-23 from the REBT.

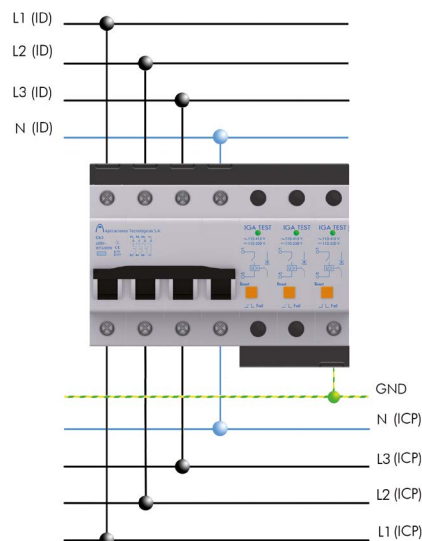
It has a thermodynamic control device that disconnects from the electrical network in case of deterioration, and also a warning system for transient overvoltages. When the warning light is green, the protector is in good condition. If not, replace.

The integrated MCB is available for the most usual nominal currents: 6, 10, 16, 20, 25, 32, 40, 50 and 63 A.

> TECHNICAL DATASHEET

		IGA TEST COMPACT T 6 / 10 / 16 / 25 / 32 / 40 / 50 / 63								
Reference:		AT-8955	AT-8953	AT-8950	AT-9081	AT-9095	AT-9096	AT-9097	AT-9098	AT-9099
Nominal current:		6 A	10 A	16 A	20 A	25 A	32 A	40 A	50 A	63 A
Nominal voltage:	U_n	230 V _{AC}								
Maximum overvoltage:		400 V _{AC}								
Actuation voltage:	U_a	265 - 280 V _{AC}								
Actuation time:		@275 V → 8 - 10 s / @400 V → 0.1 - 0.2 s								
Maximum short-circuit current:		6 kA								
Test type according to UNE-EN 61643-11:		Type 2								
Nominal Discharge Current:	I_n	5 kA								
Maximum current:	I_{max}	15 kA								
Protection level:	U_p	1.5 kV								
Dimensions:		123 x 81 x 65 mm (7 modules DIN 43880)								
Cable range:		Minimum / Maximum section: 1.5 / 16 mm ²								

Tests certified according to standards: UNE-EN 60898, UNE-EN 50550, UNE-EN 61643-11



> INSTALLATION

They must be installed **in series** with the low voltage line, between the Power Control Circuit Breaker (ICP) and the Residual Current Device (ID), thereby connecting it to earth.

Installation should be carried out **without power running through the line**.

The protector is formed by protective coils for permanent protection which include protection against transient overvoltages and are linked to a miniature circuit breaker (MCB).