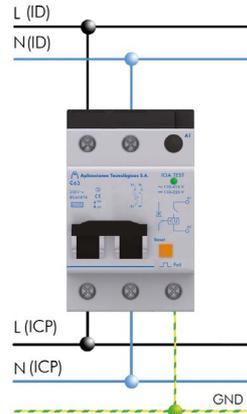




## > IGA TEST COMPACT series

### > IGA TEST COMPACT M

Compact single-phase transient and temporary overvoltage protector 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 coil in advance using the RESET button.

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.

#### > 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 a protective coil for permanent overvoltage that includes a transient overvoltage protector, together with a miniature circuit breaker (MCB).

#### > TECHNICAL DATASHEET

		IGA TEST COMPACT M 6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63								
Reference:		AT-8954	AT-8952	AT-8951	AT-9070	AT-9071	AT-9072	AT-9073	AT-9074	AT-9075
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 <sub>AC</sub>								
Maximum overvoltage:		400 V <sub>AC</sub>								
Actuation voltage:	$U_a$	265 - 280 V <sub>AC</sub>								
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:		51 x 81 x 65 mm (3 modules DIN 43880)								
Cable range:		Minimum / Maximum section: 1.5 / 16 mm <sup>2</sup>								

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