

> IGA TEST series

> IGA TEST M

Compact single-phase protector against permanent overvoltages with integrated miniature circuit breaker



IGA TEST protectors actuate when they detect a permanent overvoltage (for example, a fault in the neutral), 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.

IGA TEST permanent overvoltage protectors can be used together with **ATSUB-D** transient overvoltage protectors.

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 breaker (ICP) and the residual current device (ID).

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

The protective coil must be installed between the line and the neutral, which connects to the residual current breaker (ID).

The protector is formed by a protective coil for permanent overvoltage linked to a miniature circuit breaker (MCB).

> TECHNICAL DATASHEET

		IGA TEST M 6 AT-9052	IGA TEST M 10 AT-9000	IGA TEST M 16 AT-9053	IGA TEST M 20 AT-9054	IGA TEST M 25 AT-9001	IGA TEST M 32 AT-9002	IGA TEST M 40 AT-9003	IGA TEST M 50 AT-9004	IGA TEST M 63 AT-9005
Reference:										
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 _{AC} → 8 - 10 s / @400 V _{AC} → 0.1 - 0.2 s								
Maximum short-circuit current:		6 kA								
Dimensions:		51 x 81 x 65 mm (3 modules DIN 43880)								
MCB cable range:		Minimum / Maximum section: 1.5 / 25 mm ²								
Cable range:		Minimum / Maximum section: 1.5 / 2.5 mm ² (single-stranded) or 4 mm ² (multi-stranded)								

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