

> IGA TEST PLUS series

> IGA TEST M PLUS

Single-phase protector against permanent overvoltages and undervoltages with integrated miniature circuit breaker



IGA TEST PLUS series protectors cut off the power supply when they detect a permanent overvoltage or undervoltage, (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.

IGA TEST PLUS protectors against permanent overvoltages can be installed together with **ATSUB-D** transient overvoltage protectors.

The integrated MCB is available for the most usual nominal currents: 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).

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 overvoltages linked to a miniature circuit breaker (MCB).

> TECHNICAL DATASHEET

Reference:		IGA TEST M 25 PLUS AT-9031	IGA TEST M 32 PLUS AT-9032	IGA TEST M 40 PLUS AT-9033	IGA TEST M 50 PLUS AT-9034	IGA TEST M 63 PLUS AT-9035
Nominal current:		25 A	32 A	40 A	50 A	63 A
Nominal voltage:	U_n	230 V _{AC}				
Maximum overvoltage:		400 V _{AC}				
Minimum operating voltage:		60 V _{AC}				
Actuation voltage:	U_a	265 - 280 V _{AC} / 195 - 210 V _{AC}				
Actuation time:		@275 V _{AC} → 8-10 s / @400 V _{AC} → 0,1-0,2 s @200 V _{AC} → 0,8 s / @80 V _{AC} → 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				
Coil 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 60898, UNE-EN 50550