

IGA TEST M PLUS

SINGLE PHASE PROTECTOR AGAINST OVERVOLTAGE AND UNDERVOLTAGE WITH MCB INTEGRATED



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 made without power in the line.

The protective coil must be installed between the line coming from the residual current breaker (ID) and the neutral.

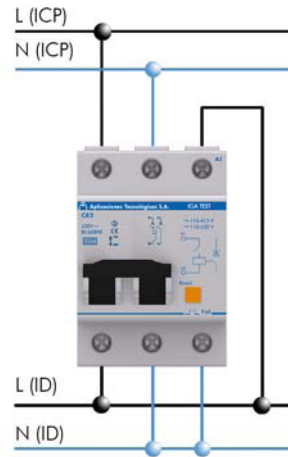
The protector is formed by a protective coil together with a Miniature Circuit Breaker (MCB)

IGA TEST PLUS protectors actuate when detecting a temporary overvoltage or undervoltage, for example a failure on the neutral, cutting off the power supply and thus, protecting the equipments installed downstream.

To restore the **IGA TEST PLUS** it is necessary to reconnect the protective coil in advance using the RESET button.

IGA TEST PLUS protectors against permanent overvoltages and undervoltages can be installed in combination with **ATSUB-D** transient overvoltage protectors.

The MCB integrated is available in the most usual nominal discharge currents: 25, 32, 40, 50 and 63A.



Technical Datasheet

Reference		IGA TEST M PLUS 25 AT-9031	IGA TEST M PLUS 32 AT-9032	IGA TEST M PLUS 40 AT-9033	IGA TEST M PLUS 50 AT-9034	IGA TEST M PLUS 63 AT-9035
Nominal discharge current:		25A	32A	40A	50A	63A
Nominal voltage:	U_n	230V _{AC}				
Maximum overvoltage:		400V _{AC}				
Actuating voltage:	U_A	265-280V _{AC}				
Overvoltage actuating time:		@275V _{AC} > 8-10s / @400V _{AC} > 0,1-0,2s				
Undervoltage actuating time:		0,2s @80V _{AC} / 0,8s @200V _{AC}				
Maximum short-circuit current:		10kA				
Dimensions:		51 x 81 x 65mm (3 mod. DIN43880)				
MCB cable range:		Min / Max section 1,5 / 35mm ²				
Inductor cable range:		Min / Max section 1,5 / 2,5mm ² (single-stranded) or 4mm ² (multi-stranded)				

Certified test according to regulations: EN 60898, EN 50550