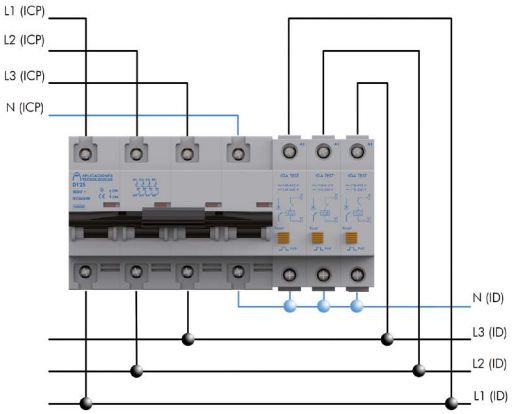
> IGA TEST D series

> IGA TEST T D

Three-phase permanent overvoltage protector with integrated D curve main circuit breaker

POP
EN 50550



IGA TEST D series 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.

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

The integrated D curve MCB is available in the most usual nominal currents: 63, 80, 100 and 125 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 coils for permanent overvoltages linked to a D curve main circuit breaker (MCB).

> TECHNICAL DATASHEET

Reference:		IGA TEST T 63 D **AT-9076**	IGA TEST T 80 D **AT-9077**	IGA TEST T 100 D **AT-9078**	IGA TEST T 125 D **AT-9079**
Nominal current:		63 A	80 A	100 A	125 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:		10 kA			
Dimensions:		160 x 81 x 65 mm (9 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