

# WGB-35-TB

## Transformer with built-in earth leakage relay (Class B)



### Description

Earth leakage protection device for the protection of people and property against fault currents, such as:

- Sinusoidal alternating currents and pulsating residual direct currents.
- Sinusoidal alternating currents, up to 1 kHz.
- Direct currents

For installations up to 125 A and sensitivities of 30 or 300 mA. INSTantaneous/SElective activation of the circuit breaker, circuit breaker with fast trigger coil or contactor.

### Applications

All electrical installations where process continuity is critical and protection of persons (30 mA) and machines (300 mA) is required, with non-adjustable immediate or SElective activation.

- Computer systems (UPS systems)
- Speed drives
- Photovoltaic installations
- Electric Vehicle Charging systems

### Características técnicas

<b>Earth leakage protection</b>	Class	B (IEC 60755, IEC 62423)
	Sensitivity $I_{\Delta n}$	30 or 300 mA
	Gauge, $I_n$	up to 125 A
	Trip delay $t_{\Delta}$	INSTantaneous (30 mA) or SElective (IEC 61008-1)
	Sensor	Built in earth leakage transformer, 35 mm
	Test and Reset	T & R buttons
	Signalling LED	Power supply voltage Leakage trip
	Circuit breaker to be associated	Contactor or circuit breaker with trigger coil
	Control of the circuit breaker	Potential free changeover contact output, positive Safety
	<b>Electrical features</b>	Operating voltage
Output contacts		250 Vac, 5 A, AC1
<b>Mechanical features</b>	Operating temperature	-10...+50 °C
	Installation	<b>DIN Rail 46277 (EN 50022)</b>
	Weight	380 g
	Protection degree	Terminals IP 20, back panel IP 40
	Terminal dimensions	1-1.5 mm <sup>2</sup>
<b>Standards</b>	<b>IEC 60755, IEC 62423, IEC 60947-2 annex M</b>	

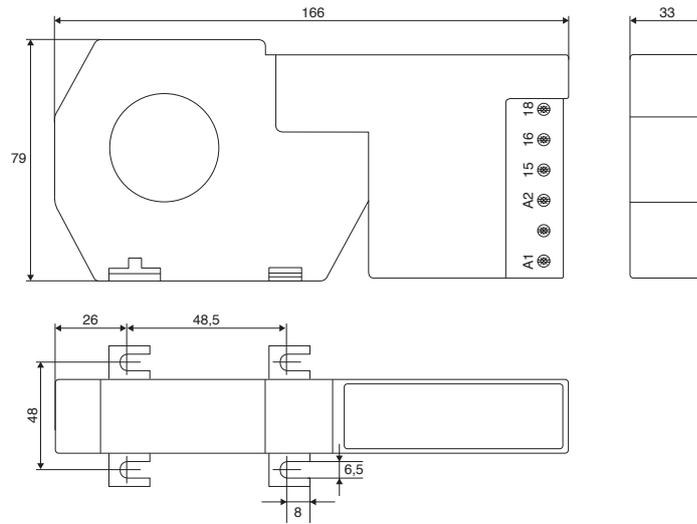
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### References

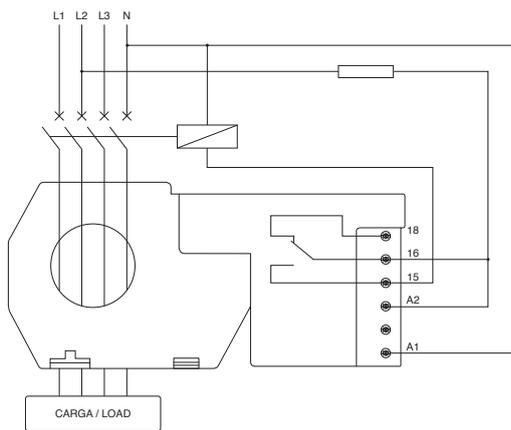
Type	Code	Sensibility $I_{\Delta n}$	Delay
WGB-35-TB 30	P16111	0,03 A	INS
WGB-35-TB 300	P16121	0,3 A	INS
WGB-35-TB 300S	P16131	0,3 A	SEL

### Dimensions



### Connections

Shunt coil



Undervoltage coil

