

TP58 WGC, Residual current transformer

Code: P11121.

> Usefull diam.(mm): 80 x 50 > ΙΔn (A): acc. relay > 0,3A > ΙΔn min.(A): 0.3

Description

The **TP-WGC** series features split-core residual current transformers for the residual current protection of electrical installations or machines. These transformers are used to control and monitor the leakage currents of an electrical installation and are recommended as a temporary solution for punctual residual current protection in parts of the electrical installation that are finished but, due to an error or lack of foresight, do not have the normal protection installed.

TP-WGC transformers have been designed for installation inside an electrical panel or enclosure, mounted with screws or cable ties, facilitating their installation in existing installations.

The residual current transformers of the **TP-WGC** series have been designed to operate with the relays of the **WGC** series. The sensitivity (trip current) of the transformer-relay assembly is established by the associated relay. The relays associated with the **TP-WGC** transformer must be programmed with a minimum sensitivity of 300 mA for residual current protection.

Circutor

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Split-core residual current transformers

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Specifications

AC power supply, insulation			
Pulse test (kV)	3 kV	3 kV	
AC power supply			
Frequency	45 60 Hz		
Environmental characteristics			
Protection class	IP 20 (Terminals) IEC 60529		
Relative humidity (without condensation)	95%	95%	
Working temperature	-10 +50 °C	-10 +50 °C	
Mechanical characteristics			
Envelope	Self-extinguishing polycarbonate UL 94 V0	Self-extinguishing polycarbonate UL 94 V0	
Weight (kg)	0,8		
Current measurement circuit			
Phase current measuring range	0,250 30 A (residuum)		
Dynamic current (ldyn)	4,5 kA / 40 ms		
Permanent thermal current (Icth)	40 A		
Thermal short-circuit current (Ith)	1,8 kA / 1s		
Transformation ratio	30 / 0,06 A		
Maximum operating voltage (Um)	720 V		
Standards			
Electrical safety, Maximum height (m)	2000		
Electrical safety, Installation category	CAT III 300V ca		
Standards	IEC 60529		
Measurement accuracy			
Accuracy	± 15 %		

TP-WGC

Split-core residual current transformers

CODE	TYPE	Usefull diam.(mm)	IΔn (A)	
P11121.	TP58 WGC	80 x 50	acc. relay > 0,3A	
P11131.	TP88 WGC	80 x 80	acc. relay > 0,3A	
P11141.	TP812 WGC	120 × 80	acc. relay > 0,3A	

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CODE	ТҮРЕ	Usefull diam.(mm)	IΔn (A)
P11151.	TP816 WGC	160 x 80	acc. relay > 0,3A

Compatible with Type A relays

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Dimensions

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