



WGC-110, Residual current transformer

Code: P10155.

> Usefull diam.(mm): 115

> Cable (m): 0

> Max. Current (A): 400

### Description

This new range features a series of improvements intended in particular for installing units on switchboards. Along with the usual attachment elements, this unit can be installed on DIN rails using an accessory, which facilitates its installation.

The residual current transformers of the **WGC** series offer better immunity to the transient current spikes that usually trigger the residual current protection. The residual current transformers of the 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.







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## **Specifications**

AC power supply, insulation		-
Pulse test (kV)	3 kV	
Mechanical characteristics		
Size (mm) width x height x depth	163 x 168 x 50 (mm)	
Envelope	Self-extinguishing polycarbonate UL 94 VO	
Fastening	DIN rail with accessory (see code)	
Connection type	Screw terminal (Pz type)	
Weight (kg)	0,412	
Environmental characteristics		
Protection class	IP 20 (Terminals) IEC 60529	
Relative humidity (without condensation)	5 95 %	
Working temperature	-20 + 70 °C	
Current measurement circuit		
Dynamic current (Idyn)	2,5 lth	
Permanent thermal current (Icth)	60 A	
Thermal short-circuit current (lth)	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	
Standards	IEC 60664-1, IEC 60664-3, IEC 60044-1	
Measurement accuracy		
Accuracy	10 15 %	

#### WGC

Residual current transformer

CODE	TYPE	Inner diameter (mm)	Cable (m)	In (A)
P10181.	WGC-20-SC	20	0.5	63
P10182.	WGC-30-SC	30	0.5	63
P10131.	WGS-20	20	-	63
P10132.	WGS-30	30	-	63







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CODE	TYPE	Inner diameter (mm)	Cable (m)	In (A)	
P10151.	WGC-25	25	-	63	
P10152.	WGC-35	35	-	80	
P10153.	WGC-55	55	-	160	
P10154.	WGC-80	80	-	250	
P10155.	WGC-110	115	-	400	
P10156.	WGC-140	140	-	600	
P10157.	WGC-180	180	-	800	
P10158.	WGC-220x105	220 x 105	-	1250	
P10159.	WGC-350x150	350 x 150	-	2000	
P10160.	WGC-500x200	500 x 200	-	4000	

UL certification for all WGC and WGS models, on demand

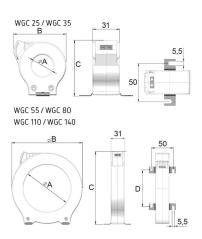




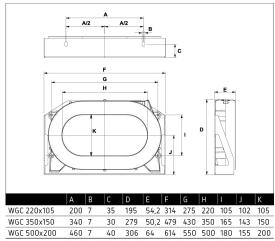
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### **Dimensions**



Modelo	А	В	С	D
WGC 25	25	60,5	64	
WGC 35	35	70,5	75,5	
WGC 55	55	92	98	38
WGC 80	80	124,5	130	60
WGC 110	110	163	168	84,5
WGC 140	140	201	206	110
WGC 180	180	252	256	144



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