

WGC-180, Residual current transformer

Code: P10157.

> Usefull diam.(mm): 180

> Cable (m): 0

> Max. Current (A): 800

#### 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.

# Circutor



Residual current transformers

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#### Specifications

	3 kV
Pulse test (kV)	3 KV
Mechanical characteristics	
Size (mm) width x height x depth	252 x 256 x 50 (mm)
Envelope	Self-extinguishing polycarbonate UL 94 V0
Fastening	DIN rail with accessory (see code)
Connection type	Screw terminal (Pz type)
Weight (kg)	0,907
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 (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
Standards	IEC 60664-1, IEC 60664-3, IEC 60044-1
Measurement accuracy	
Accuracy	10 15 %

#### WGC

Residual current transformer

CODE	ТҮРЕ	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	ТҮРЕ	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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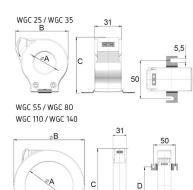


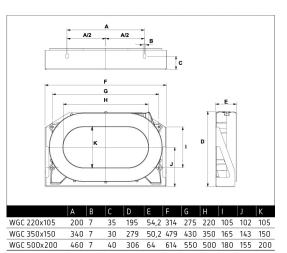
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5,5

#### Dimensions





Modelo	A	В	C	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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