

TQ-6 100 /5A

TQ-6 100 / 5A, Split core current transformer

Code: M74023. CONSULTAR DISPONIBILIDAD

- > Flat strip(mm): 20 x 30
- > System: Single-phase
- > Class 3 Power (VA): 1
- > Measurement Range (A): 100/5
- > Input current: 100 A
- > Transformer type: Split core

Description

The **TQ** transformer range has been designed to facilitate installation thanks to its split core, which allows it to be installed without having to shut off the power, in both cable and busbar installations. Main features:

- $\circ~$ Types from 100 to 5000 A in the primary
- Secondary encoding types.../5 A,.../1 A,.../250 mA
- $\circ~$ Busbar dimension from 20 x 30 mm to 160 x 80 mm
- Certified transformers
- Accessory for DIN-rail mounting (not available for TQ-12)

Application

Ideal for installations where the electricity cannot be shut off when installing the transformers.

Circutor



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Specifications

Size (mm) width x height x depth80 x 98.5 x 28 (mm)EnvelopePlastic V0 self-extinguishingFasteningMural or DIN rail by accessoryWeight (kg)0.25Environmental characteristicsThermal Classclass B (+130 °C)Protection classIP 20Relative humidity (without condensation)15 85%Storage temperature-40 +85 °CWorking temperature-5 +40 °CSpecific technical characteristics of current sensors0.72 kV- máx.Operating voltage0.72 kV- máx.Nominal frequency50 / 60 HzPrimary current measurement100 ADynamic current (ldyn)2,5 IthThermal short-circuit current (lth)60 InTransformation ratio / 5 A	Electrical characteristics	
Insulation voltage between terminals S1-S2 3 kV Mechanical characteristics 80 x 98.5 x 28 (mm) Fixe (mm) width x height X depth 80 x 98.5 x 28 (mm) Fixe loope Plastic V0 self-extinguishing Fixe ing Wural or DIN rail by accessory Weight (kg) 0,25 Environmental characteristics Import 200 (mm) Fixerian Class class B (+130 °C) Protection class IP 20 Relative humidity (without condensation) 15 85% Storage temperature -40 +85 °C Vorking temperature -74.0 °C Operating voltage 0,72 kV~ máx Operating voltage 0,72 kV~ máx Prominal frequency 50 / 60 Hz Primary current measurement 100 A Opnamic current (lyn) 2,5 thh Thermal short-circuit current (lth) 60 In Transformation ratio	Safety factor (SF)	10
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Thermal Class class B (+130 °C) Protection class IP 20 Relative humidity (without condensation) 15 85% Storage temperature -40 +85 °C Working temperature -5 +40 °C Specific technical characteristics of current sensors 0,72 kV- máx. Operating voltage 0,72 kV- máx. Nominal frequency 50 / 60 Hz Primary current measurement 100 A Opnamic current (Idyn) 2,5 Ith Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A Electrical safety, Maximum height (m) 1000	Weight (kg)	0,25
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Storage temperature -40 +85 °C Working temperature -5 +40 °C Specific technical characteristics of current sensors 0,72 kV~ máx. Operating voltage 0,72 kV~ máx. Current measurement circuit 50 / 60 Hz Primary current measurement 100 A Dynamic current (Idyn) 2,5 Ith Thermal short-circuit current (Ith) 60 In Standards / 5 A Standards / 5 A	Protection class	IP 20
Working temperature -5 +40 °C Specific technical characteristics of current sensors 0,72 kV~ máx. Operating voltage 0,72 kV~ máx. Current measurement circuit 50 / 60 Hz Nominal frequency 50 / 60 Hz Primary current measurement 100 A Dynamic current (Idyn) 2,5 Ith Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A Stendards Lectrical safety, Maximum height (m)	Relative humidity (without condensation)	15 85%
Specific technical characteristics of current sensors Operating voltage 0,72 kV~ máx. Current measurement circuit 50 / 60 Hz Nominal frequency 50 / 60 Hz Primary current measurement 100 A Dynamic current (Idyn) 2,5 Ith Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A Standards I000	Storage temperature	-40 +85 °C
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Nominal frequency 50 / 60 Hz Primary current measurement 100 A Dynamic current (Idyn) 2,5 lth Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A Standards I000 Electrical safety, Maximum height (m) 1000	Operating voltage	0,72 kV~ máx.
Primary current measurement 100 A Dynamic current (Idyn) 2,5 Ith Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A	Current measurement circuit	
Dynamic current (Idyn) 2,5 lth Thermal short-circuit current (Ith) 60 ln Transformation ratio / 5 A Standards Electrical safety, Maximum height (m) 1000	Nominal frequency	50 / 60 Hz
Thermal short-circuit current (Ith) 60 In Transformation ratio / 5 A Standards Electrical safety, Maximum height (m) 1000	Primary current measurement	100 A
Transformation ratio / 5 A Standards Electrical safety, Maximum height (m) 1000	Dynamic current (Idyn)	2,5 lth
Standards Electrical safety, Maximum height (m) 1000	Thermal short-circuit current (Ith)	60 In
Electrical safety, Maximum height (m) 1000	Transformation ratio	/ 5 A
	Standards	
Standards UNE-EN 61869-1, UNE-EN 61869-2, UNE 21031, UL 94	Electrical safety, Maximum height (m)	1000
	Standards	UNE-EN 61869-1, UNE-EN 61869-2, UNE 21031, UL 94

For other configurations see table of additional features





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Dimensions

Connections

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