

TQ

Split core current transformer



Description

The range of TQ transformers has been designed to facilitate the installation through its split core that allows for its placement without interrupting the supply, both in installations with cable and with flat beds. Its main features are:

- Types from 100 to 1000 A in primary
- Codifiable types in secondary .../5 A, .../1 A and .../250 mA
- Internal section from 314 to 2827 mm², depending on type
- Flat bed dimension from 20 x 30 to 60 x 80 mm
- Certified transformers
- Accessory for DIN rail mounting

Applications

Ideal for installations where it is not possible to interrupt the power supply to install the transformers.

Technical features

Electrical features	Frequency	50 / 60 Hz
	Insulation voltage	3 kV
	Short circuit thermal current, I_{th}	60 I_n
	Dynamic current, I_{dyn}	2,5 I_{th}
	Accuracy type	See chart
	Highest voltage for the material	0,72 kV _{ac/dc}
Environmental features	Working temperature	Thermal class B (130 °C)
	Enclosure	V0 self-extinguishing plastic UL94
	Sealing secondary terminals	Yes
	Degree of Protection	IP 20 terminals (IP 54 optional)
	Mounted on DIN rail	Yes
Standards	UNE 21031, IEC 61869-2	

References

Type	TQ-6			TQ-8					
Flat bed (mm)	20 x 30 mm			60 x 80 mm					
Dimensions (mm)									
			91			141			
			80			120			
		28			28				
VA	Type			Type					
	0.5	1	3	Code	0.5	1	3	Code	
A									
100/5	-	0.5	2	M74023.					
125/5	-	1	2	M74024.					
150/5	-	1	2	M74025.					
200/5		0.5	1	2	M74026.				
250/5		0.5	1	2	M74027.				
300/5		0.5	1	2	M74028.	1	2	4	M74035.
400/5		1	2	4	M7402A.	1.5	2	4	M74037.
500/5						3	4	8	M74039.
600/5						3	4	8	M7403B.
700/5						3	4	8	M7403D.
750/5						5	8	16	M7403E.
800/5						5	8	16	M7403F.
1000/5						5	8	16	M7403I.

Codification table

M	7	4	0	X	X	00	X
Internal code							↑
Standard (.../5 A)							0
.../1 A							1
.../250 mA							A

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Dimensions (mm)

