

TQR

Split core current transformer



Description

The range of **TQR** 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 up to 2000 A of current
- Codifiable types in secondary current ... /5 A, .../1 A and ... /250 mA
- 80 mm rounded inner diameter
- Certified transformers
- Possibility of clamping bedplate with flange


Applications

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

Technical Features

Electrical features	Frequency	50 Hz - 60 Hz
	Insulation voltage	3 kV
	Thermal short-circuit current, I_{th}	60 I_n
	Dynamic current, I_{dyn}	2,5 I_{th}
	Accuracy class	Please refer to chart
Environmental features	Highest voltage for the material	0.72 kV _{c.a.}
	Thermal class	B (130 °C)
	Working temperature	-10 ... +60 °C
	Wrap	UL94 plastic wrap V0 self-extinguishing
	Security Factor	FS 10
	Protection Degree	IP 40 / IP 65 (with protection gasket)
Standards	IEC 61869-2	

References

Type	TQR-8		
Diameter Ø (mm)	80 mm		
Dimensions (mm)			
	185		
	152		
	33		
			
	VA	Class	Code
A	0,5	1 3	
400	—	1,5 3	M76037.
500	1	1,5 3	M76039.
600	1,5	2 4	M7603B.
700	2	4 8	M7603D.
800	3	7 15	M7603F.
1000	5	8 16	M7603J.
1250	6	10 20	M7603L.
1500	6	10 20	M7603M.
2000	8	15 25	M7603N.

Coding Chart

M	7	6	0	X	X	00	X
Internal code							0
Standard (.../5 A)							0
Secondary							1
.../1 A							1
.../250 mA							A

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Dimensions

