

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

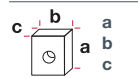
Ideal for installations where it is not possible to interrupt the power supply to install the transformers.

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) | |
| a | 185 |
| b | 152 |
| c | 33 |



| VA | Class | | | Code |
|------|-------|-----|----|----------------|
| | 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 | | | | | | | ↑ |
| Standard (.../5 A) | | | | | | | 0 |
| Secondary .../1 A | | | | | | | 1 |
| Secondary .../250 mA | | | | | | | A |

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Dimensions

