TU3B 10/5A

VJ31792005



Panel-mounted wound primary current transformer for AC devices, with x/5 A transformation ratio.

General features

- Wound primary current transformer
- Plastic enclosure
- Operating temperature: -10 °C ÷ 50 °C

Technical specifications

Power supply	
Frequency	50 / 60 Hz
Measure	
Transformation ratio	10/5 A
Functional characteristics	
Maximum continuous overload	1,2 In A A
Safety factor	<5
Maximum operating voltage	720 V
Rated withstand voltage at 50 Hz for 1 min	3 kV
Rated power Class 0.5	10 VA
Rated power Class 1	20 VA
Physical features	
Insulated housing	✓
Overall dimensions	
Width (B)	104 mm
Depth (C)	112 mm
Diameter dimension	
Dimension Ø - A	77 mm

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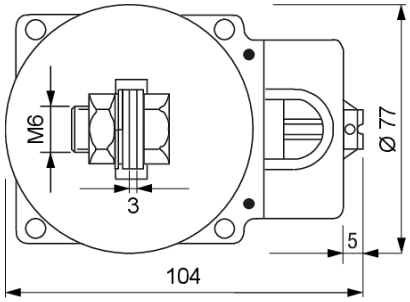
Revision date: 2026-02-02

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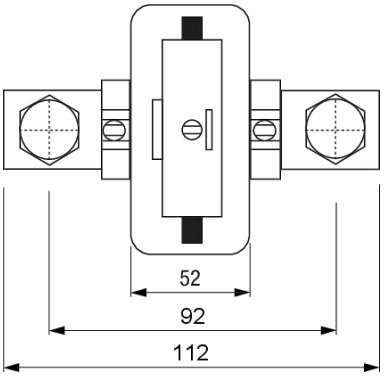
VJ31792005

Dimensions

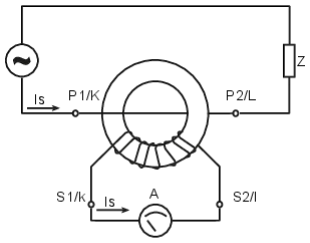
Front View



Side View



Wiring diagram



When connecting all current transformers, it is important to respect the current directions.

- Primary: P1/K to P2/L
- Secondary: S1/k to S2/l

Note: The current-carrying capacity of the current transformer must correspond to the full scale of the device.

Product variants

TU3B 10/5A

VJ31462005

Primary wound current transformer (20 VA) with 10/5 A rating

TU3B 25/5A

VJ31532305

Primary wound current transformer (20 VA) with 25/5 A rating

TU3B 15/5A

VJ31792105

Primary wound current transformer (10 VA) with 15/5 A rating

TU3B 25/5A

VJ31872305

Primary wound current transformer (10 VA) with 25/5 A rating

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN 61010-1 • EN 61869-2 • EN IEC 61000-6-2 • EN IEC 61000-6-3 • EN IEC 63000

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