TU 40 150/1A

VM717621



Through-bar current transformer for AC devices, x/5 A and x/1 A, suitable for DIN-rail or panel mounting (using the supplied supports).

General features

- Busbar passage: 25–30–40 mm
- Cable passage: Ø 30 mm
- Double clamp for secondary
- Opening (hole) for cable or busbar passage (primary)

Technical specifications

Power supply	
Frequency	50 / 60 Hz
Measure	
Transformation ratio	150/1 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	3.75 VA
Rated power Class 1	5 VA
Rated power Class 3	7.5 VA
Operating conditions	
Operating temperature range	-10 ÷ 50 °C
Physical features	
Insulated housing	✓
Overall dimensions	
Height (A)	96 mm
Width (B)	71 mm

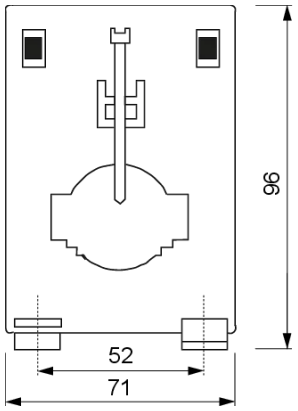
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Revision date: 2026-02-02

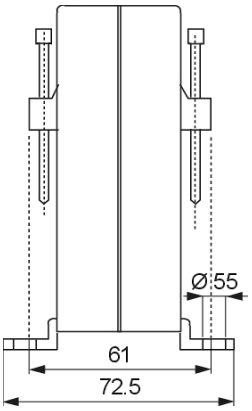
Overall dimensions	
Depth (C)	72.5 mm

Dimensions

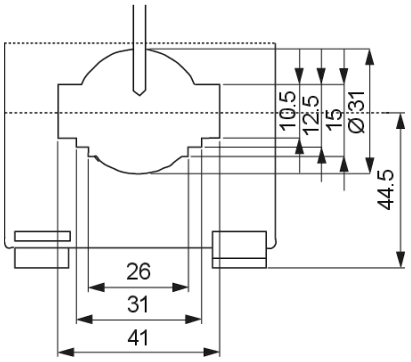
Front View



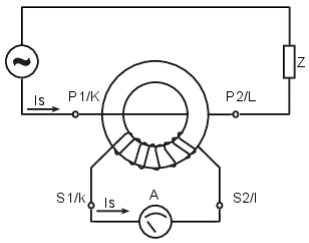
Side View



Hole Detail



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.

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Product variants

TU 40 50/5A
VM712700
Through-bar current transformer 50/5 A

TU 40 60/5A
VM713500
Through-bar current transformer 60/5 A

TU 40 75/5A
VM714300
Through-bar current transformer 75/5 A

TU 40 100/5A
VM715000
Through-bar current transformer 100/5 A

TU 40 125/5A
VM716800
Through-bar current transformer 125/5 A

TU 40 150/5A
VM717600
Through-bar current transformer 150/5 A

TU 40 200/5A
VM718400
Through-bar current transformer 200/5 A

TU 40 250/5A
VM719200
Through-bar current transformer 250/5 A

TU 40 300/5A
VM720000
Through-bar current transformer 300/5 A

TU 40 400/5A
VM721800
Through-bar current transformer 400/5 A

TU 40 500/5A
VM722600
Through-bar current transformer 500/5 A

TU 40 600/5A
VM723400
Through-bar current transformer 600/5 A

TU 40 800/5A
VM724200
Through-bar current transformer 800/5 A

TU 40 1000/5A
VM725900
Through-bar current transformer 1000/5 A

TU 40 250/1A
VM719221
Through-bar current transformer 250/1 A

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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