# TAS102B40001A

**IME TAS102 Solid Core Current Transformer 4000A/1A 102 x 54mm 40VA Class 1, 30VA Class 0.5**

CURRENT TRANSFORMERS AND TRANSDUCERS

| | |
|---|---|
| **Component type** | Current transformer |
| **Range** | Solid Core CT |
| **Model** | N/A |
| **Product status** | Existing |

The IME solid core current transformers are highly accurate and cover a broad range of sizes and form factors that suit busbar, cable or protection class applications.

| | | |
|---|---|---|
| **ELECTRICAL** | **Primary rated current** | 4000 A |
| | **Secondary current on CT** | 1 A |
| | **Rated operating frequency** | 47-63 Hz |
| | **Max. operating voltage (Umax)** | 0.72 V |
| | **Rated short time thermal current Ith (x primary current)** | 90 kA |
| | **Rated continuous thermal current Icth (x primary current)** | 90 kA |
| | **Accuracy class** | 0.5 |
| | **Insulation class (IEC 61869-1, 61869-2)** | B |
| | **Rated burden, class 0.5** | 30 VA |
| | **Rated burden, class 1** | 40 VA |
| | **Power loss** | 27 W |
| | **Over current limiting factor** | FS 5 |
| | **Secondary rated apparent power** | 30 VA |
| **CONSTRUCTION** | **Current transformer type** | Solid core |
| | **Material housing** | Polycarbonate (PC) |
| | **Model** | Attachable current transformer |
| | **With shock protection** | Yes |
| | **Snap mounting** | Yes |
| | **Secondary connection** | Screw connection |
| | **Number of primary inputs** | 1 |
| **ENVIRONMENT** | **Storage temperature** | -40…85 °C |



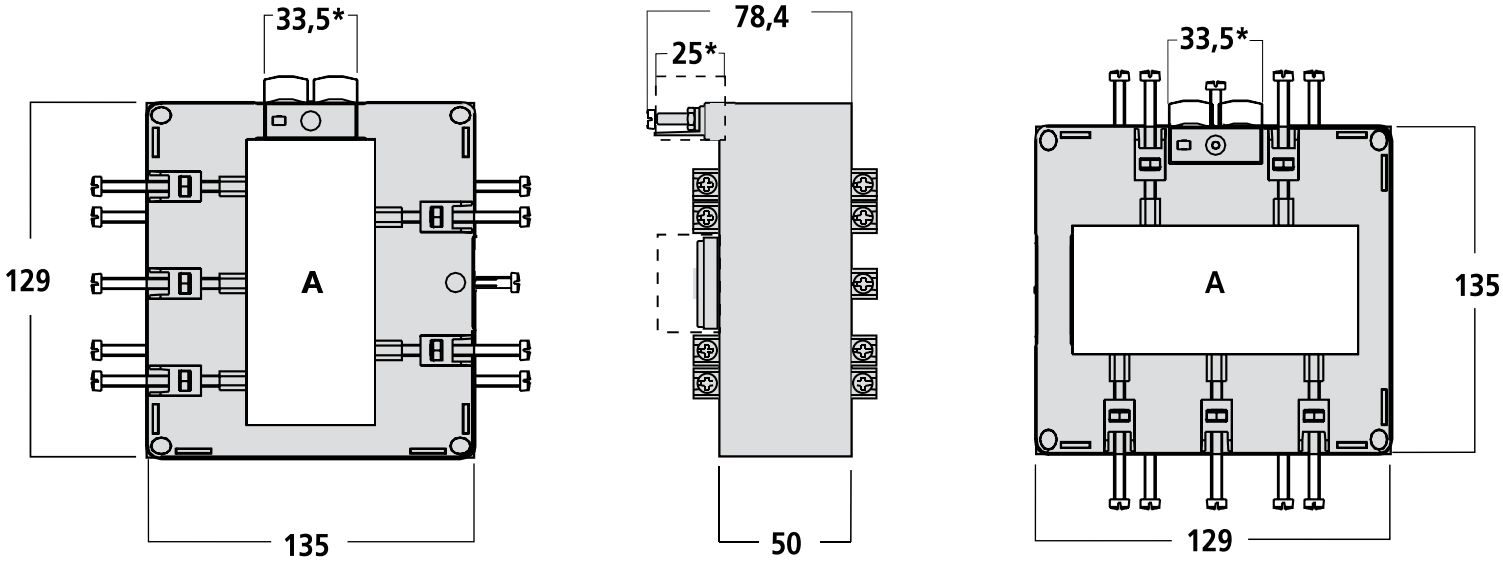
Published on 18 March 2025

# TAS102B40001A

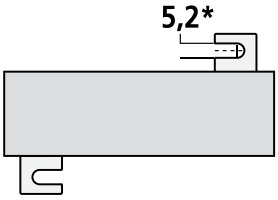
**IME TAS102 Solid Core Current Transformer 4000A/1A 102 x 54mm 40VA Class 1, 30VA Class 0.5**

CURRENT TRANSFORMERS AND TRANSDUCERS

## DIMENSIONAL DIAGRAM




*Opzione/Option








Published on 18 March 2025