9. Releasing the transducer

Release the transducer from a top-hat rail as shown in Fig. 6

Fig. 6

Fig. 7 Transducer clipped onto a top-hat rail (35 x 15 mm or 35 x 7.5 mm) acc. to EN 50022

Fig. 8 Transducer with the screw hole brackets pulled out for wall mounting
AC Current or AC Voltage Transducer E 13

Operating Instructions:

Safety precautions to be strictly observed are marked with following symbols in the operating instructions:

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### 4. Technical Data (Refer Fig. 5)

#### Measuring Input
Nominal frequency: Refer printed label on transducer.
Nominal current or Voltage: Refer printed label on transducer (measuring range).

#### Measuring Output
DC Voltage: 0...10V, 0...5V
Load Capacity: 20 mA
External Resistance: \( R_{\text{max}} \) = 15 V

\[ \text{DC Current} = 0.1 \text{mA} \text{ to } 0.2 \text{mA} / 4...20 \text{mA} \]

\[ \text{Burden Voltage} = 15 \text{ V} \]

\[ \text{External Resistance} = \frac{15 \text{ V}}{20 \text{mA}} = 0.75 \text{k}\Omega \]

### 5.2 Wall mounting

The screw hole brackets (1) can be released and pulled out by pressing the latch (4). They can be pushed in after pressing the latch (5).

![Diagram of wall mounting](image)

#### (1) Screw hole brackets
#### (2) Top-hat rail clip
#### (3) Rubber buffers
#### (4) Latch for pulling the screw hole brackets out
#### (5) Latch for pushing the screw hole bracket in

### 6. Electrical connections

Make connection as per printed label on transducer (Fig. 5, example of a nameplate).

#### Note:
Make sure that the measuring input cables are not live (potential-free) when making the connections!

### 7. Meaning of symbol

- **Earth (ground) terminal**
- **Double or reinforced insulation**

### 8. Commissioning and maintenance

Switch on the power supply and the measuring input. During the operating, you can disconnect the output and connect a test equipment e.g. For a functional test. No maintenance is required.