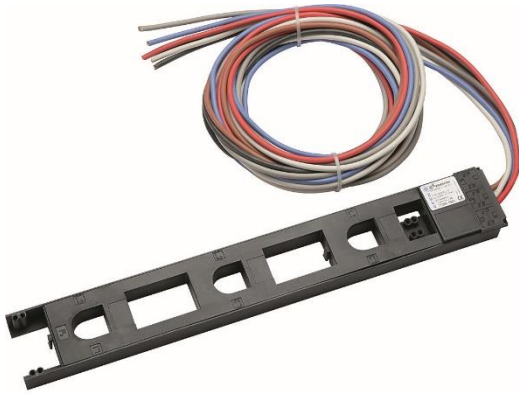


E³-current transformer block, size 00/100

E³ current transformer blocks for size 00/100 with a transformation are available with the transformation ration 5A and 1A. The E³ current transformers are push-fitted to the rear of the E³ NH fuse-switches 00/100 without affecting installation depth.



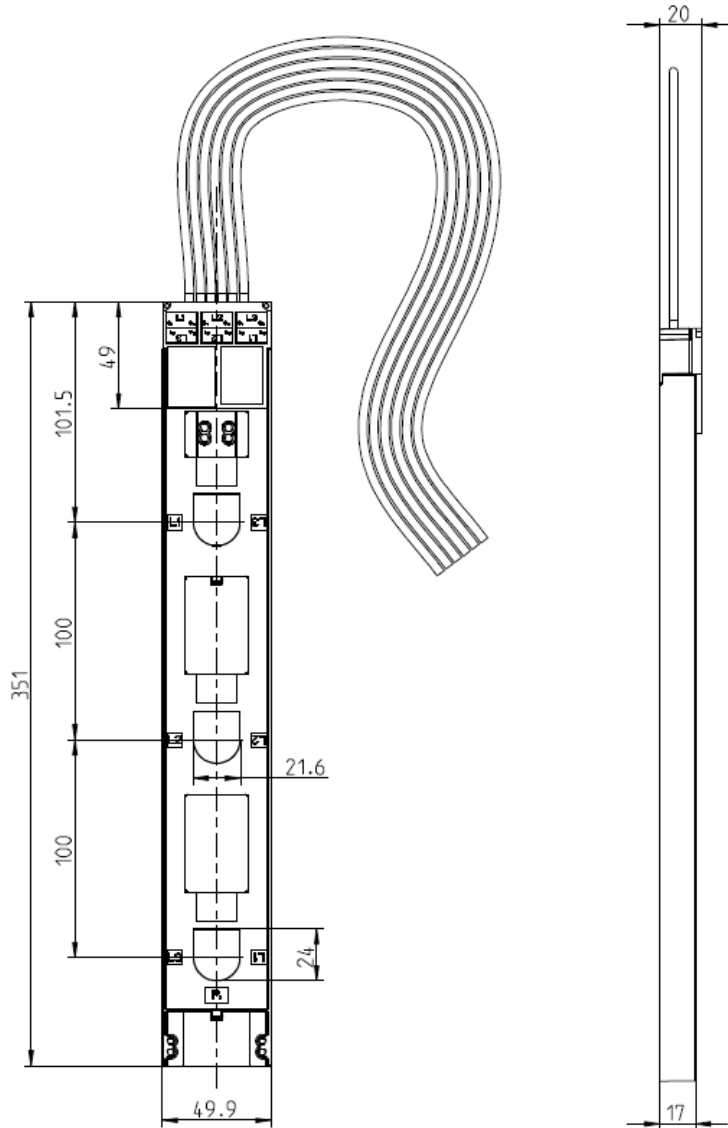
- **Simple installation:**
The E³ current transformer blocks are easily installed, and connecting the secondary conductors is quick and simple.
- **Clear wiring routing:**
The wiring is routed inside the E³ transformer block to reduce wiring effort.
- **Easy connection of secondary terminals:**
With the clamps (for 1A) and the 2 m secondary connection cables (by 5A) is the connect very easy and fast.

Both components form a mechanically attached unit that is easy to install. The measurement uses 1 or 3 phases (1-phase measuring at L1).

E ³ Current Transformer Block, Size 00/100, 1- or 3-phase measuring (1-phase measuring at L1)						
Description	Transformation ratio	VA Power	Class	Order no.	PU	PG
E ³ WB00/100 3X100/1 1,25 VA KL.1	3 x 100/1	1,25	1	77283-6313	1	E ³ acc.
E ³ WB00/100 3X150/1 2,5 VA KL.1	3 x 150/1	2,5	1	77283-6533		
E ³ WB00/100 3X150/1 2,0 VA KL.0,5	3 x 150/1	2,0	0,5	77283-6522		
E ³ WB00/100 1X100/1 1,25 VA KL.1	1 x 100/1	1,25	1	77284-6313		
E ³ WB00/100 1X150/1 1,25 VA KL. 1	1 x 150/1	1,25	1	77284-6533		
E ³ WB00/100 3X150/5 1,5 VA KL.1	3 x 150/5	1,5	1	77283-1523		
E ³ WB00/100 1X150/5 1,5VA KL.1	1 x 150/5	1,5	1	77284-1523		

E³-current transformer block, size 00/100

Dimension drawing:



Connection of preassembled cables at a conversion of 5A.

Ct's connection clamps top / terminal bottom:

- L1 / S1 = Black
S2 = Brown
- L2 / S1 = Grey
S2 = White
- L3 / S1 = Blue
S2 = Red

Ct's connection clamps bottom / terminal top:

- L1 / S1 = Blue
S2 = Red
- L2 / S1 = Grey
S2 = White
- L3 / S1 = Black
S2 = Brown

E³-current transformer block, size 00/100

Technical data:

Description	Unit	Value
Technical data		
according to VDE 0414 T44-1/ IEC/EN 60044-1		
Primary rated current I_{1N}	A	See current transformer
Secondary rated current I_{N2}	A	See current transformer
Rated frequency	Hz	50
Rated power frequency withstand voltage	kV	0.72 / 3.00
Rated continuous thermal current	A	$1.2 \times I_n$
Rated short-time thermal current I_{th}		$60 \times I_n$; max. 50 kA
Permissible ambient temperature	°C	- 5 to + 40
Extended current range		120%
Class of insulation in accordance with IEC 60085		E
Terminal connection		
Secondary terminal connection	mm ²	2.5-4
Secondary terminal tightening torque	Nm	0.8