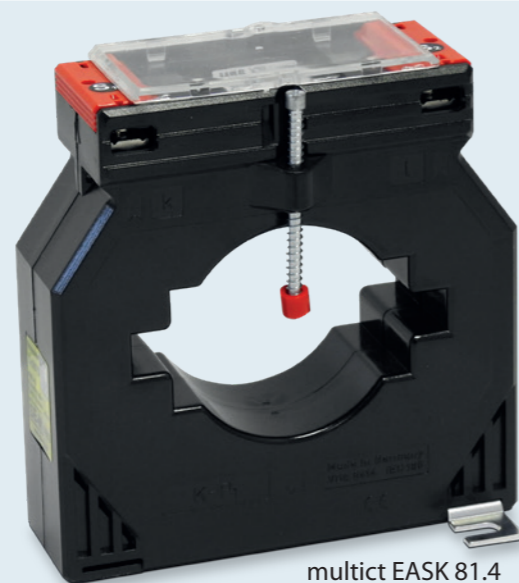


multict EASK current transformer for internal billing purposes

Application:

Establishing a measuring point, which is consulted for billing energy consumers.



multict EASK 81.4

multict EASK current transformer for internal billing purposes

Highlights

- Alle types with PTB design approval
- Calibrated version orderable
- Primary rated current 25 A – 3000 A
- class 0.2s, 0.2, 0.5s, and 0.5

An overall view of **technical details** can be found on the following page.

The current transformers for internal billing purposes from the **multict EASK** series are suited for use in conjunction with an MID energy consumption meter. The current transformer's calibration period is indefinite.

Transformers approved by the Physikalisch Technische Bundesanstalt (PTB) Braunschweig (module B) can be identified by a type and design number arranged in a stylized "Z."

The conformity of transformers is documented by a yellow conformity mark and a declaration of conformity enclosed with the product.

The quality assurance system must be recognized by the PTB in accordance with module D of the conformity evaluation procedure, so that billing transformers can be used directly for billing purposes. For other European countries, these design-approved current transformers are approved for billing purposes.

Billing current transformers for current ranges from 25 A to 3,000 A in accuracy classes 0.2s, 0.2, 0.5s, 0.5.

Technical Data

Maximum operating voltage U_m	0.72 kV
Rated continuous thermal current I_{cth}	$1.2 \times I_n$
Rated short-time thermal current I_{th}	$60 \times I_n$, 1 sec (max. 100 kA)
Rated surge current I_{dyn}	$2,5 \times I_{th}$
Overcurrent limiting factor	FS 5
Rated frequency	50 Hz
Insulation class	E
Insulation test voltages	3 kV, 1 min, U_{eff} 50 Hz ($U_m \leq 0,72$ kV)
Working temperature range	$-5^\circ\text{C} \leq T \leq +50^\circ\text{C}$
Storage temperature range	$-25^\circ\text{C} \leq T \leq +70^\circ\text{C}$
Applied norms	DIN EN 61869/1+2, DIN 42600-1, DIN 42600-2

Unbreakable plastic housing made of polycarbonate

Flame-resistant and self-extinguishing in accordance with UL 94

Nickel-plated secondary clamps with plus/minus screws (2 Nm)

Selection matrix

	Housing (HxWxD)	Circular conductor \varnothing	Rail 1	Rail 2	Rail 3
multict EASK 31.3	79 x 61 x 48 mm	26 mm	30 x 10 mm	2x 20 x 10 mm	—
multict EASK 41.4	89 x 71 x 58 mm	32 mm	40 x 10 mm	2x 30 x 5 mm	—
multict EASK 51.4	102 x 86 x 58 mm	44 mm	50 x 12 mm	2x 40 x 10 mm	—
multict EASK 61.4	109 x 96 x 58 mm	44 mm	60 x 10 mm	2x 50 x 10 mm	—
multict EASK 81.4	127 x 120 x 58 mm	55 mm	80 x 10 mm	60 x 30 mm	2x 60 x 10 mm
multict EASK 123.3*	188 x 172 x 52 mm	100 mm	120 x 30 mm	3x 100 x 10 mm	—
multict EASK 130.5*	120 x 180 x 68 mm	—	130 x 30 mm	—	—

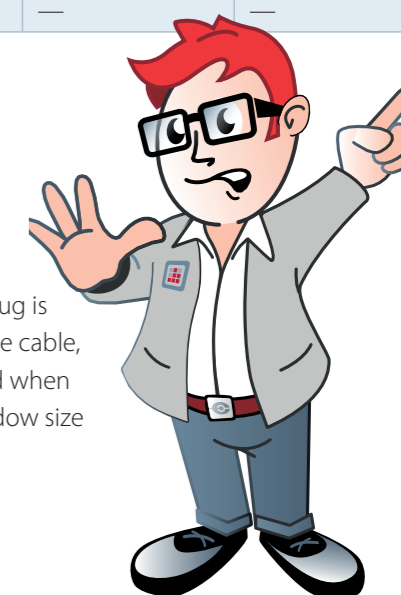
*On request

All devices are delivered including the the materials necessary for fastening.

Included in the scope of delivery:

- 1 primary rail clamp
- 2 screws M5x35
- 2 secondary terminal covers
- 2 mounting feet

CAUTION: If a cable lug is already pressed on the cable, it must be considered when determining the window size of the transformer.



multict EASK current transformer for internal billing purposes



multict EASK 31.3

A	VA	Secondary current 5A Class 0.5
100	1.5	24698
150	2.5	24699
200	2.5	24463
250	5	24700
300	5	24701
400	5	24702
500	5	24703
600	5	24259
750	5	24704

	Item no.
Snap-on mounting	24807

multict EASK 41.4

A	VA	Secondary current 5A Class 0.5
100	1.5	24705
150	2.5	24706
200	2.5	24707
250	2.5	24708
300	5	24709
400	5	24710
500	5	24711
600	5	24712
750	5	24713

	Item no.
Snap-on mounting	24810

multict EASK 51.4

A	VA	Secondary current 5A Class 0.5
100	2.5	24714
150	2.5	24715
200	5	24716
250	5	24717
300	5	24718
400	5	24389
500	5	24719
600	10	24720
750	10	24721
1000	10	24722

multict EASK 61.4

A	VA	Secondary current 5A Class 0.5
200	2.5	24723
250	5	24724
300	5	24725
400	5	24726
500	5	24727
600	10	24728
750	5	24258
750	10	24729
1000	10	24730
1250	10	24731
1500	10	24732

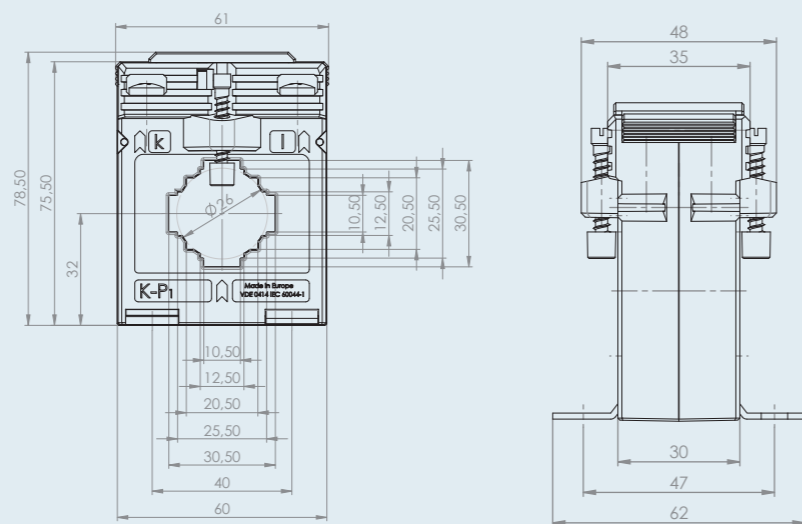
multict EASK 81.4

A	VA	Secondary current 5A Class 0.5
400	5	24733
500	5	24734
600	10	24735
750	10	24736
1000	10	24737
1250	10	24738
1500	15	24739

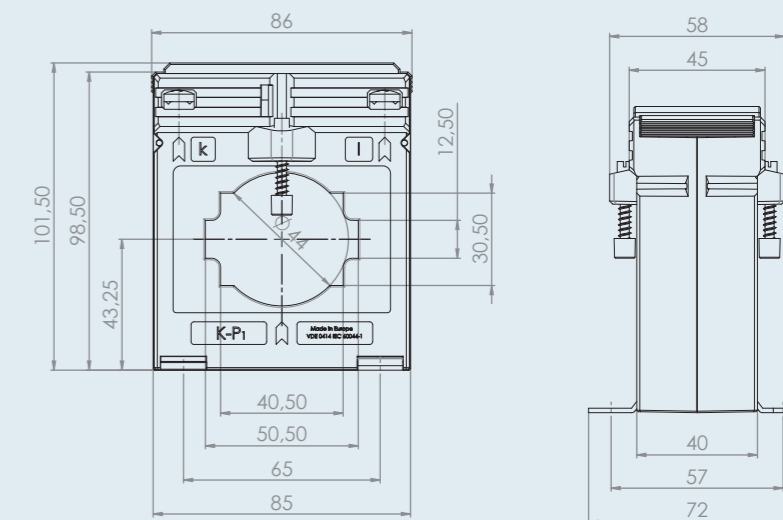
Transformers with other transmission ratios, primary current/secondary current power, and accuracy classes by request.
Please note that all current transformers are not eligible for returns or exchanges.

multict EASK current transformer for internal billing purposes

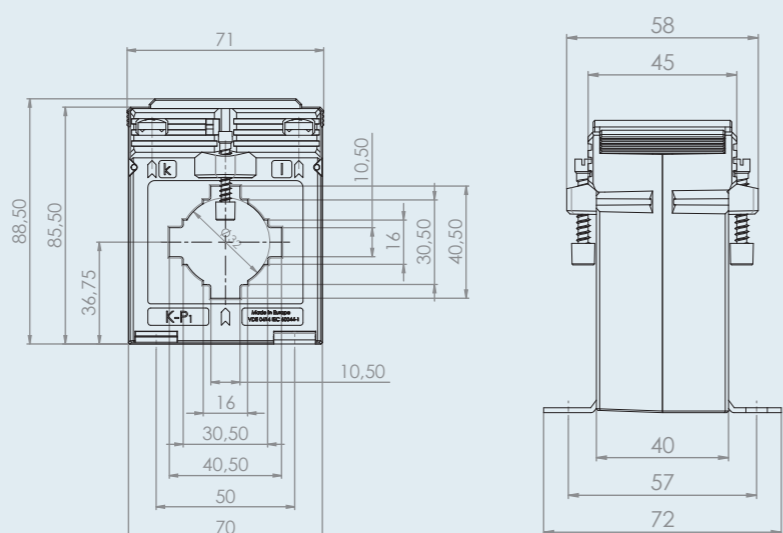
multict EASK 31.35



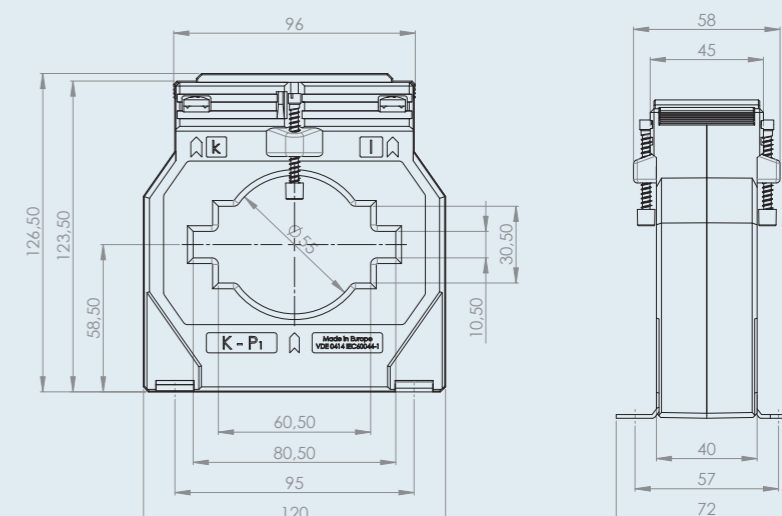
multict EASK 51.4



multict EASK 41.35



multict EASK 81.4



multict EASK 61.4

