

multict KBU split core transformer, folding

Application:

Ideal for subsequent installation in existing systems.



multict KBU folding split core transformer

- Highlights**
- Safe and easy attachment – current transformer audibly clicks into place
 - Secondary current 1 A or 5 A
 - Also available in accuracy class 0.5

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

Folding multict KBU split core transformer.

Current transformers with split measuring core for primary rated currents between 100 A and 5000 A, secondary rated current 1 A and 5 A, in accuracy classes 0.5 and 1.

The split measurement system enables easy subsequent installation in already existing systems with minimal installation effort.

To install, the transformer's locking mechanism is opened, it is laid around the primary conductor, and pushed back into place with an audible click. The measuring assembly is ready to use immediately after connecting the secondary conductors.

Technical Data

Maximum operating voltage U_m	0.72 kV
Rated continuous thermal current I_{cth}	$1.0 \times I_n$
Rated short-time thermal current I_{th}	$60 \times I_n$, 1 sec
Rated surge current I_{dyn}	$2,5 \times I_{th}$
Overcurrent limiting factor	FS 5 through FS 20 (depending on type)
Rated frequency	50 (60) Hz ($16 \frac{2}{3}$ up to 400 Hz by request)
Insulation class	E
Insulation test voltages	3 kV, 1 min, U_{eff} 50 Hz ($U_m \leq 0,72$ kV)
Working temperature range	$-5 \text{ °C} \leq T \leq +50 \text{ °C}$
Storage temperature range	$-25 \text{ °C} \leq T \leq +70 \text{ °C}$
Applied norms	DIN EN 61869/1+2, DIN 42600-1, DIN 42600-2

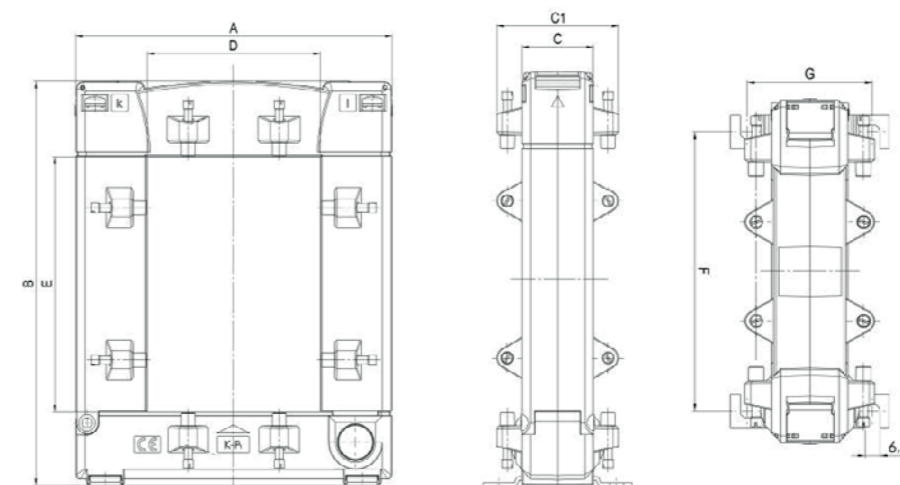
Unbreakable plastic housing made of polycarbonate

Flame-resistant and self-extinguishing in accordance with UL94-V2

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

Selection matrix	Transformer width	Circular conductor \varnothing	Current range
multict KBU 23	93 mm	20 mm	100 ... 400 A
multict KBU 58	125 mm	50 mm	250 ... 1000 A
multict KBU 812	155 mm	80 mm	250 ... 1500 A

Dimensions	A Width mm	B Width mm	C/C1 Width mm	D MM	E MM	F MM	G MM
multict KBU 23	93	106	34 / 58	23	33	64	56
multict KBU 58	125	158	34 / 58	55	85	96	56
multict KBU 812	155	198	34 / 58	85	125	126	56

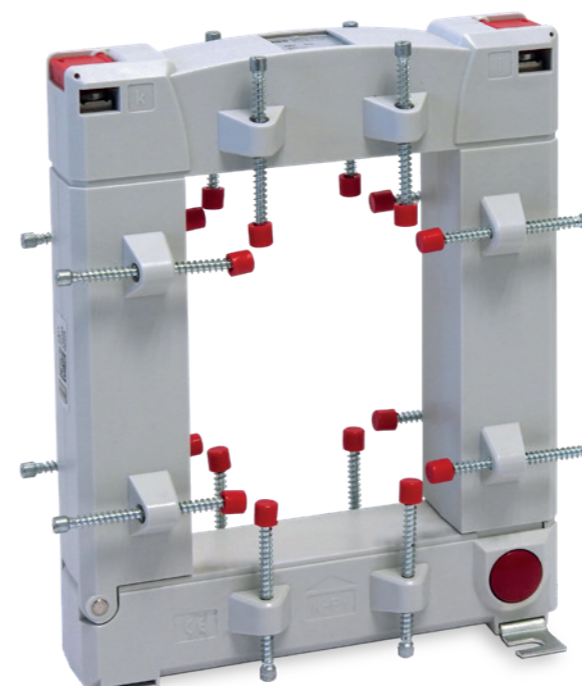


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multict KBU 23

A	VA	Secondary current 1A			Secondary current 5A		
		Class 3	Class 1	Class 0.5	Class 3	Class 1	Class 0.5
100	1.25	23071	—	—	23064	—	—
150	1.5	23072	—	—	23065	—	—
200	2.5	23073	—	—	23066	—	—
250	1.5	—	23074	—	—	23067	—
300	3.75	—	23075	—	—	23068	—
400	1	—	—	23077	—	—	23070
	5	—	23076	—	—	23069	—



multict KBU 58

A	VA	Secondary current 1A		Secondary current 5A	
		Class 1	Class 0.5	Class 1	Class 0.5
250	1.5	23084	—	12405	—
300	2.5	23085	—	12406	—
400	1	—	23092	—	23078
	2.5	23086	—	12407*	—
500	2.5	—	23093	—	23079
	5	23087	—	12408	—
600	2.5	—	23094	—	23080
	5	23088	—	12409	—
750	2.5	—	23095	—	23081
	5	23089	—	12410	—
800	2.5	—	23096	—	23082
	7.5	23090	—	12411	—
1000	5	—	23097	—	23083
	10	23091	—	12412	—

multict KBU 812

A	VA	Secondary current 1A		Secondary current 5A	
		Class 1	Class 0.5	Class 1	Class 0.5
250	1.5	23114	—	23098	—
300	2.5	23115	—	23099	—
400	2.5	23116	—	23100	—
	2.5	—	23123	—	23106
500	5	23117	—	23101	—
	2.5	—	23125	—	23108
750	5	23119	—	23103	—
	5	—	23127	—	23110
1000	10	23120	—	23104	—
	7.5	—	23129	—	23112
1250	15	23121	—	12413	—
	7.5	—	23130	—	23113
1500	15	23122	—	12414	—



The rated power is the power that the transformer can generate at the end of the cable or terminal.

Please note that all current transformers are not eligible for returns or exchanges.

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.