



KBU 23



KBU 58



KBU 816

The split measuring system facilitates a simple installation into existing panel boards without additional mounting requirements. Simply open the locking mechanism of the current transformer place around the primary conductor and lock ensuring that the circuit is closed. Once the secondary conductors are connected, the unit is ready for operation.

General specifications

- Nominal frequency: 50Hz (*others on request*)
- Isolation class: E
- Nominal thermal short-time current: $I_{th} = 60 \times I_n$
- Maximum operating voltage: $U_m \leq 0.72 \text{ kV}$
- Over-current limiting factor: FS 5 up to 1500 A nominal current

MBS AG current transformers conform fully to: DIN VDE 0414/1 - DIN 42600 - DIN EN 60044/1 - VBG 4

type	ratio	round conductor	description	class	VA
KBU 23 split core current transformers		5A secondary - class 1/3			
• Dimensions:		<i>(H) 106 x (W) 93 x (D) 58 mm</i>			
• Primary bar conductor:		20 x 30 mm max.			
• Round conductor:		Split core			
80048	100/5A	split core	split-core current transformer	3	1.25
80030	150/5A	split core	split-core current transformer	3	1.5
80031	200/5A	split core	split-core current transformer	3	1.5
80044	250/5A	split core	split-core current transformer	1	1.5
KBU 58 split core current transformers		5A secondary - class 1			
• Dimensions:		<i>(H) 158 x (W) 125 x (D) 58 mm</i>			
• Primary bar conductor:		50 x 80 mm max.			
80061	250/5A	split core	split-core current transformer	1	1.5
80062	300/5A	split core	split-core current transformer	1	2.5
80063	400/5A	split core	split-core current transformer	1	2.5
80064	500/5A	split core	split-core current transformer	1	5
80065	600/5A	split core	split-core current transformer	1	5
80067	800/5A	split core	split-core current transformer	1	7.5
80068	1000/5A	split-core	split-core current transformer	1	10
KBU 812 split core current transformers		5A secondary - class 1			
• Dimensions:		<i>(H) 198 x (W) 155 x (D) 58 mm</i>			
• Primary bar conductor:		80 x 12 mm max.			
80098	1000/5A	split core	split-core current transformer	1	10
80100	1250/5A	split core	split-core current transformer	1	15
KBU 816 split core current transformers		5A secondary - class 1			
• Dimensions:		<i>(H) 243 x (W) 195 x (D) 79 mm</i>			
• Primary bar conductor:		80 x 160 mm max.			
80147	1600/5A	split core	split-core current transformer	1	15
80149	2000/5A	split core	split-core current transformer	1	15
80151	2500/5A	split core	split-core current transformer	1	15
80153	3000/5A	split core	split-core current transformer	1	30
80155	4000/5A	split core	split-core current transformer	1	30
80157	5000/5A	split core	split-core current transformer	1	30