

KBU Flex 80 / 115 / 200 - Flexible transformers

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data sheet



The KBU Flex is a Rogowski coil for exact measurement of alternating currents with an output signal of 333 mV and thus for direct connection to UMD measuring devices with 333 mV input.



| Type | KBU FLEX 80 | KBU FLEX 115 | KBU FLEX 200 |
|---|---|--------------|--------------|
| Item number | 03.38.3332 | 03.38.3333 | 03.38.3334 |
| Rogowski coil length [mm] | 285 | 385 | 628 |
| Coil diameter in installed condition [mm] | 80 | 115 | 200 |
| Rated currents | 300 A | 1000 A | 3000 A |
| Current ranges | 100, 150, 200, 250, 400, 500, 600, 1.2K, 1.5K, 2.4K, 2.5K, 4K, 5K, 6K, on request | | |
| Max. output | 1.3 V _{AC} | | |
| Accuracy | < 1 % between 2 % and 120 % of the rated current | | |
| Output signal | 333 mV _{AC} | | |
| Power requirement | < 0.1 W (maximum 15 mA at +5 V DC) | | |
| Connection line | 2 m | | |
| Phase angle | < 1 ° of the rated current | | |
| Frequency | 50 / 60 Hz | | |
| Linearity | ± 0.2 % | | |
| Position error | max. ± 1 % | | |
| Ambient temperature | -30 ... 80 °C | | |
| Rated insulation | CAT III 1000 V; CAT IV 600 V | | |