

Residual current transformer type A

Main features

- For residual current detection in 3/4-phase alternating current networks
- Highly sensitive current sensor for detecting even the smallest fault currents
- Simple connection via 4-pin spring-loaded terminal
- High safety thanks to integrated overvoltage protection
- Flexible use due to a wide frequency range
- Operating temperature range: -10°C to $+70^{\circ}\text{C}$
- Storage temperature range: -25°C to $+70^{\circ}\text{C}$
- Thermal rated continuous differential current I_{cth}
- Rated voltage: 800 V
- Measurement voltage surge: 8 kV
- Pollution degree: III
- Protection class: Housing: IP 40; terminals: IP 20
- Working frequency range: 30 Hz to 3 kHz
- Applied harmonized standards: IEC 60664-1 / IEC 60664-3



Technical data

Device overview, residual current transformer, type A / 0.03 A secondary current

Type	Transformation ratio	Max. primary residual current in A	Max. wire diameter in mm	Round conductor in mm	Overall width in mm	Weight (kg)	Item no.
DACT 20	600/1	18 ¹⁾²⁾	4 x approx. 8 (rm-10 qmm) or 8 x 5,5 (rm-6 qmm)	20	82	0.15	15.03.201

Accessories

Snap-on mounting	15.02.144
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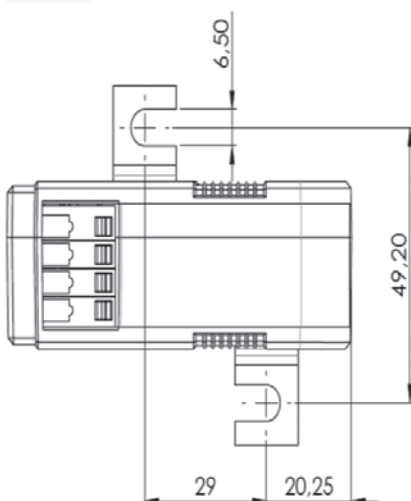
¹⁾ When using the analog inputs of the UMG 96RM-E, UMG 96RM-PN, UMG 509-PRO and UMG 512-PRO

²⁾ If the residual current transformers of series DACT are used in connection with the UMG 20CM, the metering range of the UMG 20CM can be raised from 900 mA or 1 A to 14 A or 15 A through interposition of the loads, item no. 15.03.085.



Dimension drawing

All specifications in mm



Basic Information for the use of current transformer can be found in chapter 10.