



Article features

- Very compact
- Excellent for retrofitting, as the primary circuit does not have to be interrupted
- Especially suitable for digital measuring instruments
- Super fast and easy installation

Technical data			
Round conductor	Ø 140 mm	Ratio error	< 0,2 % an der zentralen Position am Verschluss @ 25 °C
Secondary connection	Cable	Frequency range	40 Hz ... 20000 Hz
Packaging (W × H × D)	250 × 250 × 40 mm	Rated insulation voltage	1000 V AC (rms CAT III) 600 V AC (rms CAT IV)
Test voltage	10,45 kV DC (60 s)	Degree of protection	IP 54
Coil window	140 mm	Coil material	Elastollan
Coil length	450 mm	Housing material	Nach PA6 UL 94 V-0
Coil diameter	8 mm	Shielding	2x 0,22 mm (Signal (verzinnt)) 1x 0,22 mm (Schirmung (verzinnt))
Max. measurable current	100 kA	Operating temperature	-30 bis +80°C
Ratio	100 mV/kA @ 50 Hz	Storage temperature	-40 bis +80°C
Linearity error	± 0,2 % maximal des Messwertes	Standards	IEC 61869-10 IEC 61010-2-030 CE
Position error	± 0,5 % maximal		

Drawings and views



Closed



Connection



With power cable

Types

Article no.	Lead length	Description
70142-7002-0003	3 m	RALO D140-3m 100mV/kA
70142-7002-0010	10 m	RALO D140-10m 100mV/kA