TECHNICAL DATA

ROGOWSKI COILS WITH CONNECTORS FOR THE RCM 201-ROGO

DESIGNATION	DIAMETER in mm	LENGTH in mm	WEIGHT in kg	ITEM NO.
Rogowski current transformer Ø 90 mm	90	350	approx. 0,175	**1503622**
Rogowski current transformer Ø 175 mm	175	600	approx. 0,20	**1503623**
Rogowski current transformer Ø 270 mm	270	900	approx. 0,24	**1503624**
Rogowski current transformer Ø 360 mm	360	1200	approx. 0,26	**1503625**
Rogowski current transformer Ø 550 mm	550	1800	approx. 0,33	**1503626**

ROGOWSKI COILS WITHOUT CONNECTORS FOR THE UMG 96-PQ-L-LP

DESIGNATION	DIAMETER in mm	LENGTH in mm	WEIGHT in kg	ITEM NO.
Rogowski current transformer Ø 90 mm	90	350	approx. 0,175	**1503635**
Rogowski current transformer Ø 175 mm	175	600	approx. 0,20	**1503636**
Rogowski current transformer Ø 270 mm	270	900	approx. 0,24	**1503637**
Rogowski current transformer Ø 360 mm	360	1200	approx. 0,26	**1503638**
Rogowski current transformer Ø 550 mm	550	1800	approx. 0,33	**1503639**

ROGOWSKI COILS FOR THE RCM 201-ROGO

ENVIRONMENTAL CONDITIONS	
Degree of protection	IP67 (UL recognized, UL 61010-1)
Height	Up to 2000 m (6562 ft) above sea level
Operating temperature	–30 ... +80 °C (–22 ... +176 °F)
Storage temperature	–40 ... +80 °C (–40 ... +176 °F)
Relative humidity	0 ... 95%
Installation and use	Inside

COIL	
Coil length	approx. 30 ... 180 cm (15.75 ... 74.80 in) (see table on the left)
Inner diameter of the sensor	approx. 9 ... 55 cm (4.72 ... 22.83 in) (see table on the left)
Cable diameter	8.3±0.2 mm (0.33±0.008 in)
Housing material	Thermoplastic polyurethane UL94-V0
Securing	Bayonet
Weight	150 ... 500 g (0.33 ... 1.10 lb)

ELECTRICAL PROPERTIES	
Rated output power	100 mV / kA @ 50 Hz (RMS values)
Max. measurable current	100 kA
Coil resistance	70 ... 900 Ω
Positioning error	Better than ±1% of measured value
Frequency	50/60 Hz
Overvoltage category	1000 V CAT III, 600 V CAT IV
Pollution degree	2
Insulation test voltage	7400 V_{RMS} / 1 min

CONNECTION CABLE	
Type	3 x 22 AWG, shielded
Length	3 m (118.1 in)

COMPLIANCE WITH STANDARDS	
IEC, UL standards	UL 61010-1 Ed3, UL 61010-2-032, CAN/CSA-C22.2 No. 61010-1, IEC 60529