

PLUG-IN RESIDUAL CURRENT TRANSFORMER, TYPE A

Plug-in residual current transformers are particularly suitable for new installations and in areas where an interruption of the primary conductor is possible. They are characterized by a very compact design and are suitable for the detection of very small currents.



PLUG-IN RESIDUAL CURRENT TRANSFORMER, TYPE A – TECHNICAL DATA

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TYPE	RATIO	MAX. PRIMARY RESIDUAL CURRENT in mA ^{*1}	MAX. WIRE DIAMETER in mm	BUSBAR RAIL in mm	DIMENSIONS in mm					WEIGHT in kg	PART NO.	
					A	B	C	D	E			
CT-AC RCM 35N	700/1	21000	4 x approx. 14 (rm-35 qmm) or 8 x 10 (rm-10 qmm)	max. 30 x 10	35	92	113	36	56	0.25	1503458	
CT-AC RCM 80N	700/1	21000	4 x approx. 32 (rm-300 qmm) or 8 x 24 (rm-150 qmm)	max. 60 x 20	80	125	160	36	56	0.40	1503459	
CT-AC RCM 110N	700/1	21000	4 x approx. 44 (rm-500 qmm) or 8 x 33 (rm-300 qmm)	max. 100 x 20	110	165	198	36	56	0.56	1503463	
CT-AC RCM 140N	700/1	21000	4 x approx. 56 (rm-500 qmm) or 8 x 42 (rm-300 qmm)	max. 120 x 20	140	200	234	36	56	0.75	1503460	
CT-AC RCM 210N	700/1	21000	4 x approx. 85 (rm-500 qmm) or 8 x 62 (rm-500 qmm)	max. 200 x 20	210	290	323	44	64	1.28	1503464	

*1 When using the analog inputs of the UMG 96RM-E, UMG 96RM-PN, UMG 509-PRO and UMG 512-PRO, module 96-PA-RCM-EL and module 96-PA-RCM

*2 If the residual current transformers of the CT-AC series are used in conjunction with the UMG 20CM, the measuring range of the UMG 20CM can be increased from 900 mA or 1 A to 14 A or 15 A by connecting the load (part no. 1503086) in series.

PLUG-IN RESIDUAL CURRENT TRANSFORMERS, TYPE A – DIMENSIONAL DRAWINGS

