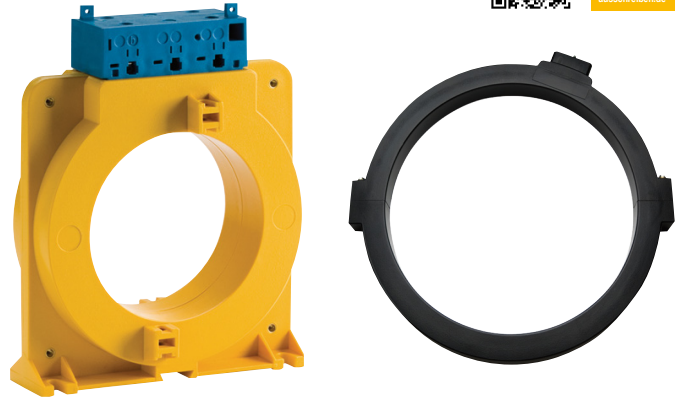


RCM-CT V2 / RCM-SCT - differential current transformer / residual current transformer (type

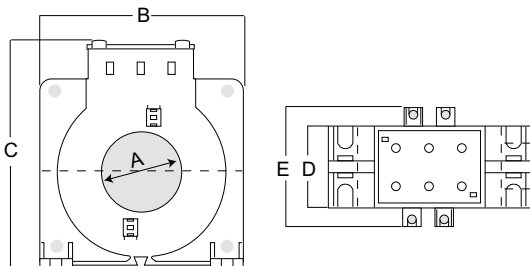
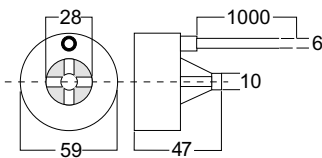
The second generation of differential / residual current transformers. Suitable for all universal measurement devices with differential current input from PQ Plus. In the versions with closed and open core.

The transformers detect very small currents and thus enable the measurement, storage and evaluation of differential and residual currents with a universal measurement device with differential current input.

Download data sheet

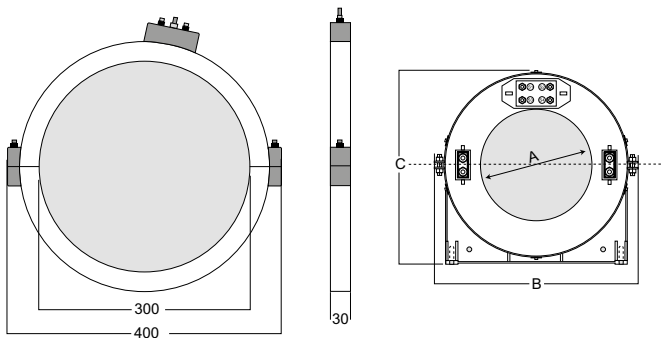


RCM-CT V2



Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight
RCM-CT V2 35	35	92	113	36	56	250 g
RCM-CT V2 60	60	105	138	36	56	300 g
RCM-CT V2 80	80	125	160	36	56	350 g
RCM-CT V2 110	110	165	198	36	56	500 g
RCM-CT V2 140	140	200	234	36	56	700 g
RCM-CT V2 210	210	290	323	44	64	1200 g

RCM-SCT



Type	A [mm]	B [mm]	C [mm]	Weight
RCM-SCT 110	110	235	219	250 g
RCM-SCT 150	150	275	259	300 g
RCM-SCT 300	300	425	409	500 g

Figure: All rights reserved by legrand
RCM SCT = TDA...
RCM CT = TDG...

A) RCM-CT V2/ RCM-SCT - Differential current transformer / residual current transformer (type A)

Closed core

	RCM-CT-V2 35	RCM-CT-V2 60	RCM-CT-V2 80	RCM-CT-V2 110	RCM-CT-V2 140	RCM-CT-V2 210
Item number	03.38.3035	03.38.3060	03.38.3080	03.38.3110	03.38.3140	03.38.3210
Data	Residual current transformer type A (closed core)					
Mechanical						
Housing material	PC V0 self-extinguishing in accordance with UL94					
Primary conductor opening	Ø 35 mm	Ø 60 mm	Ø 80 mm	Ø 110 mm	Ø 140 mm	Ø 210 mm
Dimensions [mm]	92 x 113 x 36	105 x 138 x 36	125 x 160 x 36	165 x 198 x 36	200 x 234 x 36	290 x 323 x 36
Weight	approx. 250 g	approx. 300 g	approx. 350 g	approx. 500 g	approx. 700 g	approx. 1200 g
Operating temperature	-5 ... 55 °C					
Storage temperature	-40 ... 70 °C					
Secondary connection	Screw fastening with terminal cover					
Electrical insulation coordinates						
Nominal voltage of the test core Un	720 V L-N					
Dielectric strength at mains frequency	3 kV (50 Hz / 1 min)					
Rated impulse withstand voltage	8 kV 1.2/50 µs					
Properties						
Ratio of primary to secondary conversion measurement	700/1					
Primary current	Protection of the current conductors routed through the toroidal transformer					
Test current 6 In	I _{max} (the values only apply to conductors that are routed through the centre of the ring current transformer.)					
Continuous thermal current I _{th}	90 kA in accordance with EN/IEC 61869-1, 61869-2					

Divisible core

	RCM-SCT110	RCM-SCT150	RCM-SCT300
Item number	03.38.4110	03.38.4150	03.38.4310
Data	Residual current transformer type A (divisible core)		
Mechanical			
Housing material	PC V0 self-extinguishing in accordance with UL94		
Primary conductor opening	Ø 110 mm	Ø 150 mm	Ø 310 mm
Dimensions [mm]	235 x 219 x 79	275 x 259 x 79	425 x 409 x 79
Weight	approx. 250 g	approx. 300 g	approx. 500 g
Operating temperature	-5 ... 55 °C		
Storage temperature	-40 ... 70 °C		
Secondary connection	Screw fastening with terminal cover		
Electrical insulation coordinates			
Nominal voltage of the test core Un	720 V L-N		
Dielectric strength at mains frequency	3 kV (50 Hz / 1 min)		
Rated impulse withstand voltage	8 kV 1.2/50 µs		
Properties			
Ratio of primary to secondary conversion measurement	700/1		
Primary current	Protection of the current conductors routed through the toroidal transformer		
Test current 6 In	I _{max} (the values only apply to conductors that are routed through the centre of the ring current transformer.)		
Continuous thermal current I _{th}	90 kA in accordance with EN/IEC 61869-1, 61869-2		