



### Features & Benefits

- Ratings from 50 to 800A
- 5A secondary current

### Technical Overview

The PM-CT-R range of ring type current transformers are for use with Sontay's PM-EM210 & PM-EM24 kWh meters and other suitable equipment.

#### Product Codes

<b>PM-CT-R50</b>	50A Ring type current transformer
<b>PM-CT-R100</b>	100A Ring type current transformer
<b>PM-CT-R150</b>	150A Ring type current transformer
<b>PM-CT-R250</b>	250A Ring type current transformer
<b>PM-CT-R300</b>	300A Ring type current transformer
<b>PM-CT-R400</b>	400A Ring type current transformer
<b>PM-CT-R500</b>	500A Ring type current transformer
<b>PM-CT-R800</b>	800A Ring type current transformer

#### Specification

Overload	1.2 x rated current (continuous)
Rated system voltage	0.72/3kV
Insulation level	3kV (50Hz) for 1 minute
Short term thermal current (I <sub>th</sub> )	60 x rated current
Dynamic current (I <sub>dyn</sub> )	2.5 x I <sub>th</sub>
Frequency	50/60Hz
Connections	M6 lug terminals
Ambient:	
Humidity	0 to 95% RH (non-condensing)
Temperature	-30 to +85°C
Connections	Via M6 lug terminals.
Conformity:	
IEC44-1	
IEC 185	
BS7626	
Country of origin	UK

#### Class Rating

	A	B	C
PM-CT-R50	32	70	40
PM-CT-R100	32	70	40
PM-CT-R150	32	70	40
PM-CT-R250	32	70	40
PM-CT-R300	34	67	18
PM-CT-R400	45	80	20
PM-CT-R500	66	100	20
PM-CT-R800	66	100	20

#### WEEE Directive:



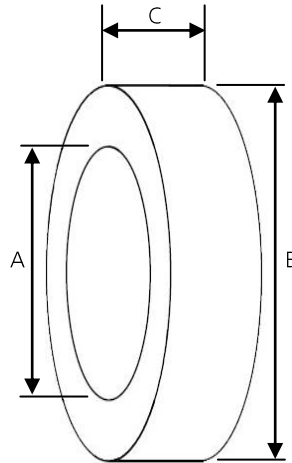
At the end of the products useful life, please dispose as per the local regulations. Do not dispose of with normal household waste. Do not burn.



The products referred to in this data sheet meet the requirements of EU 2014/30/EU and 2014/35/EU

**Dimensions**

	A	B	C
PM-CT-R50	32	70	40
PM-CT-R100	32	70	40
PM-CT-R150	32	70	40
PM-CT-R250	32	70	40
PM-CT-R300	34	67	18
PM-CT-R400	45	80	20
PM-CT-R500	66	100	20
PM-CT-R800	66	100	20



Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

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