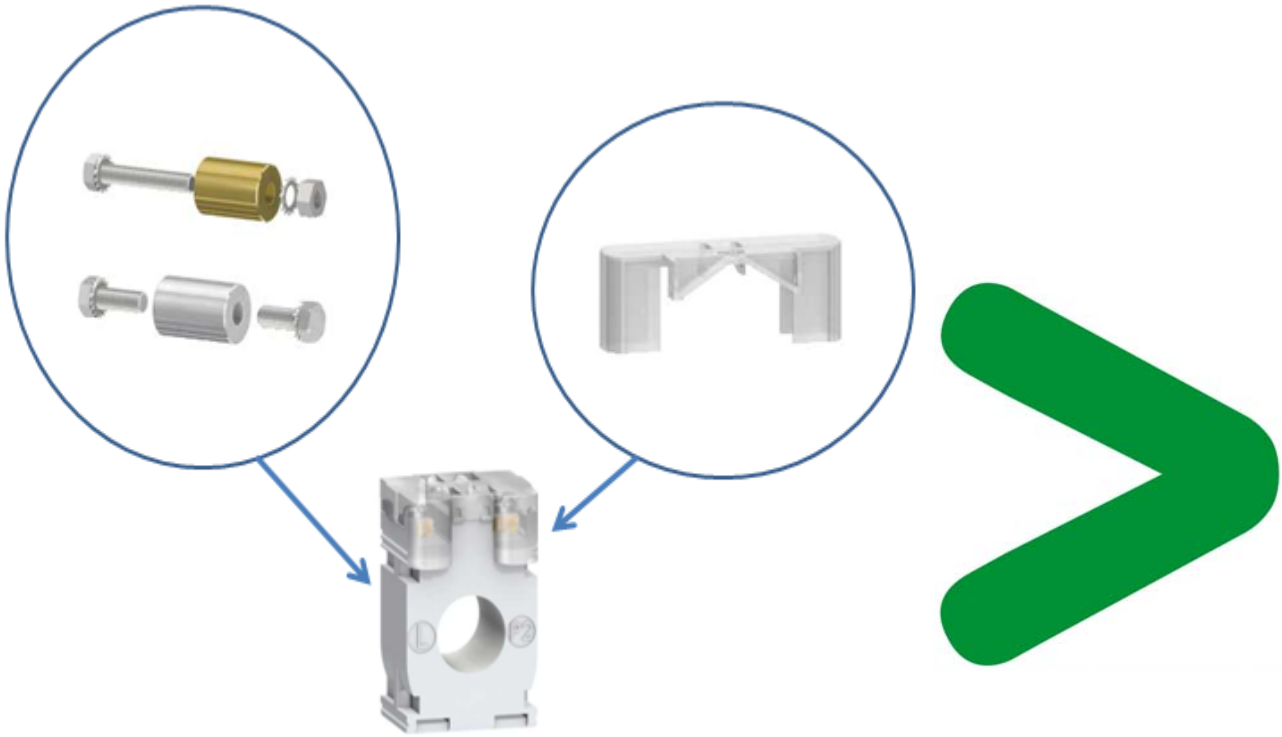
PEP information for auxiliaries and accessories

Current transformer for primary current



Environmental impacts for auxiliaries and accessories

Schneider-Electric publishes the product environmental impacts of the main function of the offer in the PEP document. It is the Product Environmental Profile of this main function product.
The “PEP information for auxiliaries and accessories” document completes the product environmental information included in the PEP with impact information for auxiliaries and accessories.
These auxiliaries and accessories environmental impacts are presented as average percentages of the impact of the main function disclosed in the PEP.

Main function product overview

This “PEP information for auxiliaries and accessories” document completes the impact information for Current transformer for primary current which is the main functiun of the range.
According to your main function product, environmental impacts can be included:

- In the PEP “current transforme for medium primary current”. Reference is ENVPEP1312028_V1.
- In the PEP “current transforme for low primary current”. Reference is ENVPEP1312031_V1.

Auxiliaries and accessories overview

The accessories range includes:

- The aluminium cylinder spacer are to be used with transoers from the current transfomers range to ensure proper CT positioning when the conductor or the CT can’t be positioned perpendicularly . Two references are included in the range: METSECT5CYL1and METSECT5CYL2.

METSECT5CYL2

16550

- The brass cylinder spacer are to be used with transoers from the current transfomers range to ensure proper CT positioning when the conductor or the CT can’t be positioned perpendicularly . Two references are included in the range: 16550 and 16551.

- The Sealable cover are to be used with transfomers from the current transformers range to avoid the trasnformers to disconnected as part of anti-tampering. Three references are included in the range: METSECT5COVER, 16552 and 16553.

METSECT5COVER

The representative products used for the LCA are METSECT5CYL2, 16550 and METSECT5COVER for the accessories. The environmental analysis was performed in conformity with ISO 14040.

Environmental impacts

The impacts of auxiliaries and accessories of the current transformer range are in the table hereunder.
The auxiliaries and/or accessories types are grouped in categories with the same average percentage. The impact indicators percentages are common for :

- the RMD indicator (Raw Material Depletion) ,
- the HWP indicator (Hazardous Waste Production)
- the 9 other indicators of the PEP.

To evaluate the impacts of one auxiliary or accessory, you should apply these percentages to the impact of the main function which is disclosed in the PEP.
These impacts have to be added to the impacts of the main function depending on the number of auxiliaries and accessories used.

Main Function Product:	**Current transformer for low primary current**		**Current transformer for medium primary current**
Category of auxiliary or accessory	**Accessories**		
	Aluminium cylinder	**Brass cylinder**	**Sealable cover**
RMD	14%	103%	1%
HWP	261%	76%	1%
Other indicators	6%	3%	1%

Life cycle assessment has been performed with the EIME software (Environmental Impact and Management Explorer), version 5.1, and with its database version 2013-02
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Schneider Electric Industries SAS
35, rue Joseph Monier
CS 30323
F- 92506 Rueil Malmaison Cedex
RCS Nanterre 954 503 439
Capital social 896 313 776 €

www.schneider-electric.com

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