PEP information for auxiliaries and accessories

EASYPACT circuit breakers from 100 to 630A

Schneider Electric

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.

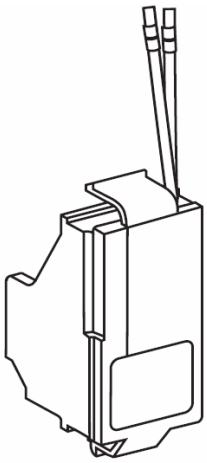
Main function product overview

This "PEP information for auxiliaries and accessories" document completes the impact information for Easypact circuit breakers which is the main functiun of the range.
According to your main function product, environmental impacts can be included:

- In the PEP "Easypact 250" for Easypact circuit breakers from 100 to 250A. Reference is ENVPEP051201EN,
- In the PEP "Easypact 400" for Easypact circuit breakers from 400 to 630A. Reference is ENVPEP080601EN_V1.

Auxiliaries and accessories overview

The function of these shunt trip auxiliaries is to trip remotely the circuit breaker when the control voltage rises above 0.7 x Un (SHT coil) or drops below a tripping threshold (UVR coil).



EZASHT200AC

The representative product used for the LCA is the EZ shunt trip (SHT) 200-277 VAC referenced EZASHT200AC.
The environmental analysis was performed in conformity with ISO 14040.

Environmental impacts

The impacts of shunt trip auxiliaries of the Easypact 100-630 range are noted in the table hereunder.
The auxiliaries and 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 10 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 :	**Easypact 100-250**
Category of auxiliary or accessory	**Shunt trip auxiliaries**
RMD	0.5%
Other impact indicators	1%

Main function Product :	**Easypact 400-630**
Category of auxiliary or accessory	**Shunt trip auxiliaries**
RMD	0.2%
Other impact indicators	1%

Life cycle assessment has been performed with the EIME software (Environmental Impact and Management Explorer), version 4.1, and with its database version 11.0.

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