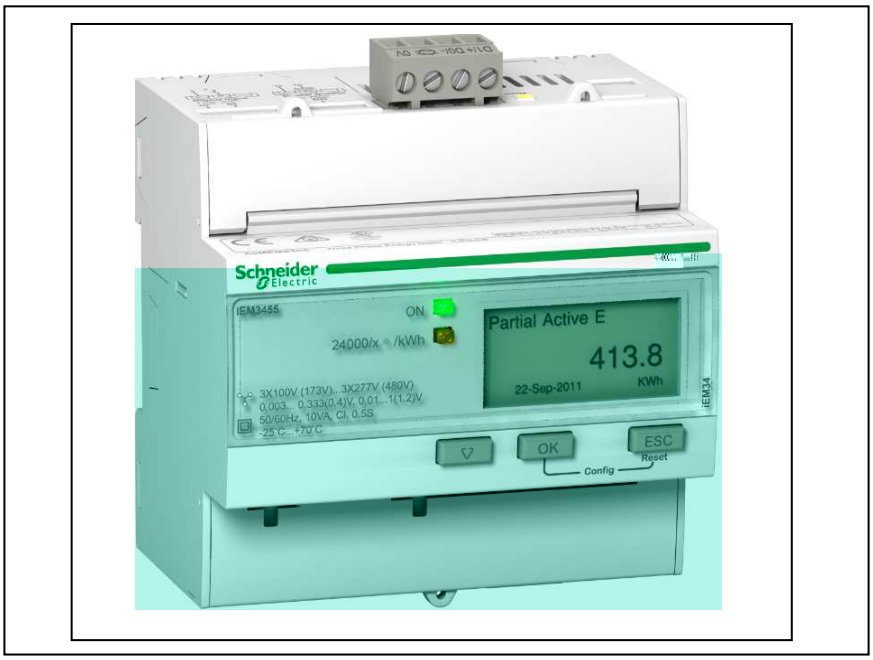
Product Environmental Profile

Triphase kWh meter LVCT Modbus



Product Environmental Profile – PEP

Product overview

The Acti9 iEM3000 series Energy Meter is a cost-attractive, competitive range of DIN rail-mounted meters ideal for sub-billing and cost allocation applications, which is designed for measurement with 1/3V or 1V output LVCT or U018 series Rogowski Coil in 3-phase circuits.

Functional unit: To monitor electricity consumption for 10 years.

This range consists of the entire range of Acti9 iEM3000 series Energy Meter: A9MEM3455, A9MEM3465, A9MEM3555 and A9MEM3565

The representative product used for the analysis is Triphase kWh meter LVCT Modbus, reference A9MEM3455.

The environmental impacts of this referenced product are representative of the impacts of the other products of the range which are developed with a similar technology.

The environmental analysis was performed in conformity with ISO 14040.

Constituent materials

The mass of the product range is from 310 g and 426 g including p4422( )-23.3901(o)13g 78(m)-22.94717(78(m)-22.94717(

The weight and volume of the packaging have been optimized, based on the European Union's packaging directive.
The Acti9 iEM3000 series Energy Meter packaging weight is *95 g*. It consists of 31g paper and 54g cardboard.
The product distribution flows have been optimised by setting up local distribution centres close to the market areas.

Use

The products of the Acti9 iEM3000 series Energy Met

Product Environmental Profile – PEP

Presentation of the product environmental impacts

Environmental indicators	Unit	Triphase kWh meter LVCT Modbus, reference A9MEM3455					
		S = M + D + I + U + E	M	D	I	U	E

Glossary

Air Acidification (AA)	The acid substances present in the atmosphere are carried by rain. A high level of acidity in the rain can cause damage to forests. The contribution of acidification is calculated using the acidification potentials of the substances concerned and is expressed in mode equivalent of H^+.
Air Toxicity (AT)	This indicator represents the air toxicity in a human environment. It takes into account the usually

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