Product Environmental Profile

CONTROLLER PROFIBUS 1,35 27A 24VDC
As the products of the range are designed in accordance with the RoHS Directive (European Directive 2002/95/EC of 27 January 2003), they can be incorporated without any restriction in an assembly or an installation subject to this Directive.

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website


Products of this range are designed in conformity with the requirements of the RoHS directive (European Directive 2011/65/EU of 8 June 2011) and do not contain, or only contain in the authorised proportions, lead, mercury, cadmium, hexavalent chromium or flame retardants (polychlorinated biphenyls - PCB, polychlorinated diphenyl ethers - PCDE) as mentioned in the Directive.

As the products of the range are designed in accordance with the RoHS Directive (European Directive 2002/95/EC of 27 January 2003), they can be incorporated without any restriction in an assembly or an installation subject to this Directive.

Details of ROHS and REACH substances information are available on the Schneider-Electric Green Premium website


The CONTROLLER PROFIBUS 1,35 27A 24VDC presents the following relevant environmental aspects

- **Reference product mass:** 880 g including the product, its packaging and additional elements and accessories
- **Constituent materials:**
  - iron: 11.2%
  - copper: 5.8%
  - brass: 3.2%
  - ferrites: 3.1%
  - tin: 1.4%
  - steel: 1.1%
  - glass fibre: 18.3%
  - cardboard: 11.3%
  - various: 7.8%
  - polyamide resin 6 (PA6): 3.7%
  - epoxy resin: 8.3%
  - polyamide resin 6.6 (PA 6.6): 15.7%
  - quartz sand: 1.7%
  - liquid crystal polymer: 1.7%
  - paper: 3.8%
  - polyester resin: 1.8%
  - polyamide resin 6 (PA6) - 3.7%
  - epoxy resin - 8.3%

**Substance assessment**

The product is a CONTROLLER PROFIBUS 1,35 27A 24VDC -LTMR27PBD performs protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system.

To perform protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system for 8 years.

**General information**

**Representative product**

CONTROLLER PROFIBUS 1,35 27A 24VDC -LTMR27PBD

**Description of the product**

The product is a CONTROLLER PROFIBUS 1,35 27A 24VDC performs protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system.

**Functional unit**

To perform protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system for 8 years.

**Additional environmental information**

The CONTROLLER PROFIBUS 1,35 27A 24VDC presents the following relevant environmental aspects

**Constituent materials**

**Reference product mass**

880 g including the product, its packaging and additional elements and accessories

**Functional unit**

To perform protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system for 8 years.

**General information**

**Representative product**

CONTROLLER PROFIBUS 1,35 27A 24VDC -LTMR27PBD

**Description of the product**

The product is a CONTROLLER PROFIBUS 1,35 27A 24VDC performs protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system.

**Functional unit**

To perform protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system for 8 years.
The product is a CONTROLLER PROFIBUS 1,35 27A 24VDC performs protection, measurement and supervision functions for single-phase and three-phase AC motors at constant speed in motor management system.

Energy model used: China

<table>
<thead>
<tr>
<th>Energy indicators</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>4.40E-01</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>2.13E+03</td>
</tr>
<tr>
<td>Use</td>
<td>2.36E-05</td>
</tr>
<tr>
<td>End of life</td>
<td>2.30E-02</td>
</tr>
</tbody>
</table>

Ref LTMR27PBD does not require any installation operations.

The product does not require special maintenance operations.

End of life optimized to decrease the amount of waste and allow recovery of the product components and materials.

This product contains PCBA bigger than 10cm² (190.1g) that should be separated from the stream of waste so as to optimize end-of-life treatment.

The location of these components and other recommendations are given in the End of Life Instruction document which is available on the Schneider-Electric Green Premium website:


The use phase is the life cycle phase which has the greatest impact on the majority of environmental indicators (based on compulsory indicators).

Life cycle assessment performed with EIME version EIME v5.5, database version 2015-04.

The use phase is the life cycle phase which has the greatest impact on the majority of environmental indicators (based on compulsory indicators).
Please note that the values given above are only valid within the context specified and cannot be used directly to draw up the environmental assessment of an installation.

<table>
<thead>
<tr>
<th>Registration N°</th>
<th>ENVPEP060308EN_V02.01-EN</th>
<th>Drafting rules</th>
<th>PCR-ed3-EN-2015 04 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue</td>
<td>03-2016</td>
<td>Supplemented by</td>
<td>PSR-0005-ed1-EN-2012 12 11</td>
</tr>
<tr>
<td>Validity period</td>
<td>5 years</td>
<td>Information and reference</td>
<td><a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a></td>
</tr>
</tbody>
</table>

Independent verification of the declaration and data, in compliance with ISO 14025 : 2010

Internal X External

The elements of the present PEP cannot be compared with elements from another program.

Document in compliance with ISO 14025 : 2010 « Environmental labels and declarations. Type III environmental declarations »

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 Published by Schneider Electric

ENVPEP060308EN_V02.01-EN © 2015 - Schneider Electric – All rights reserved 03-2016