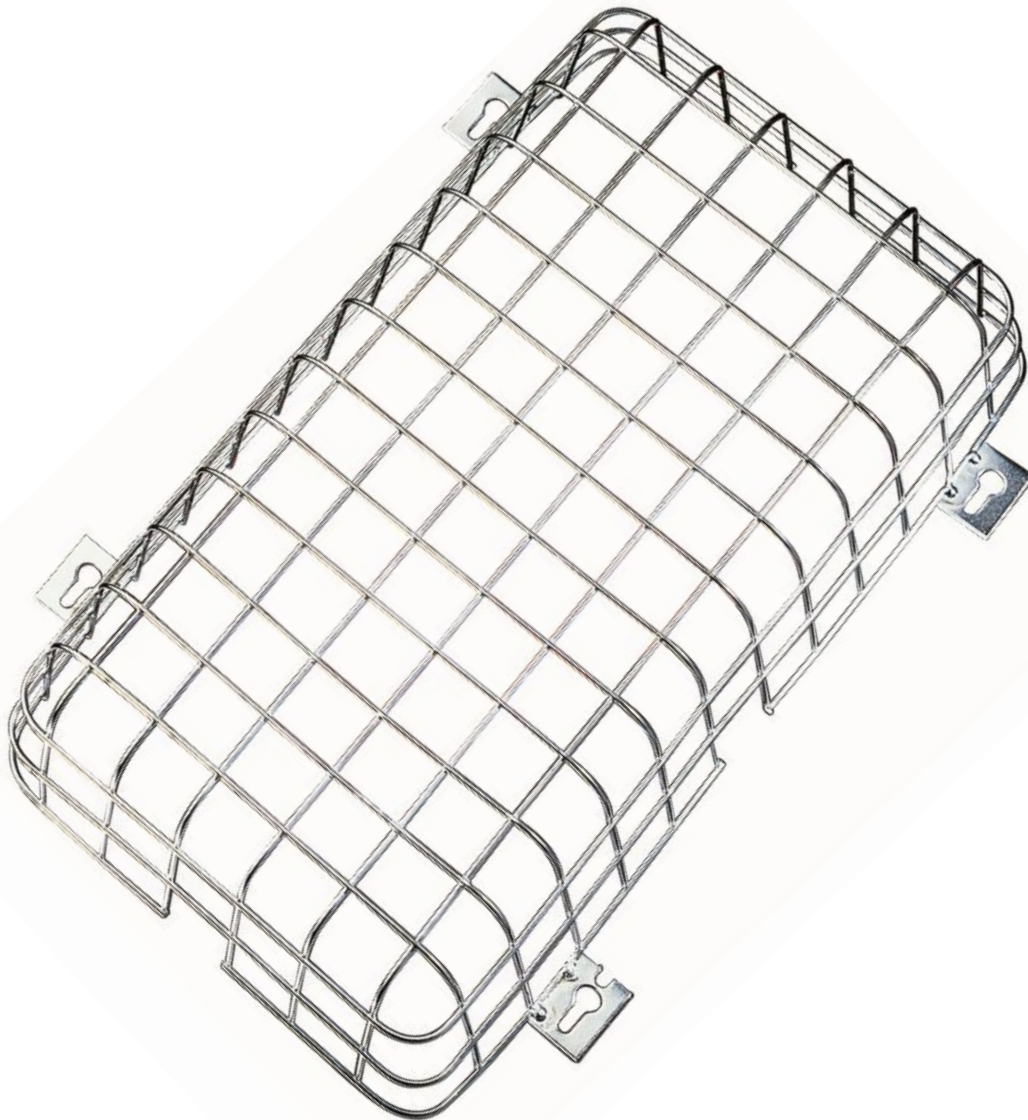


Product Environmental Profile

GRIGLIA EXW-SMARTEXTIT-S M26





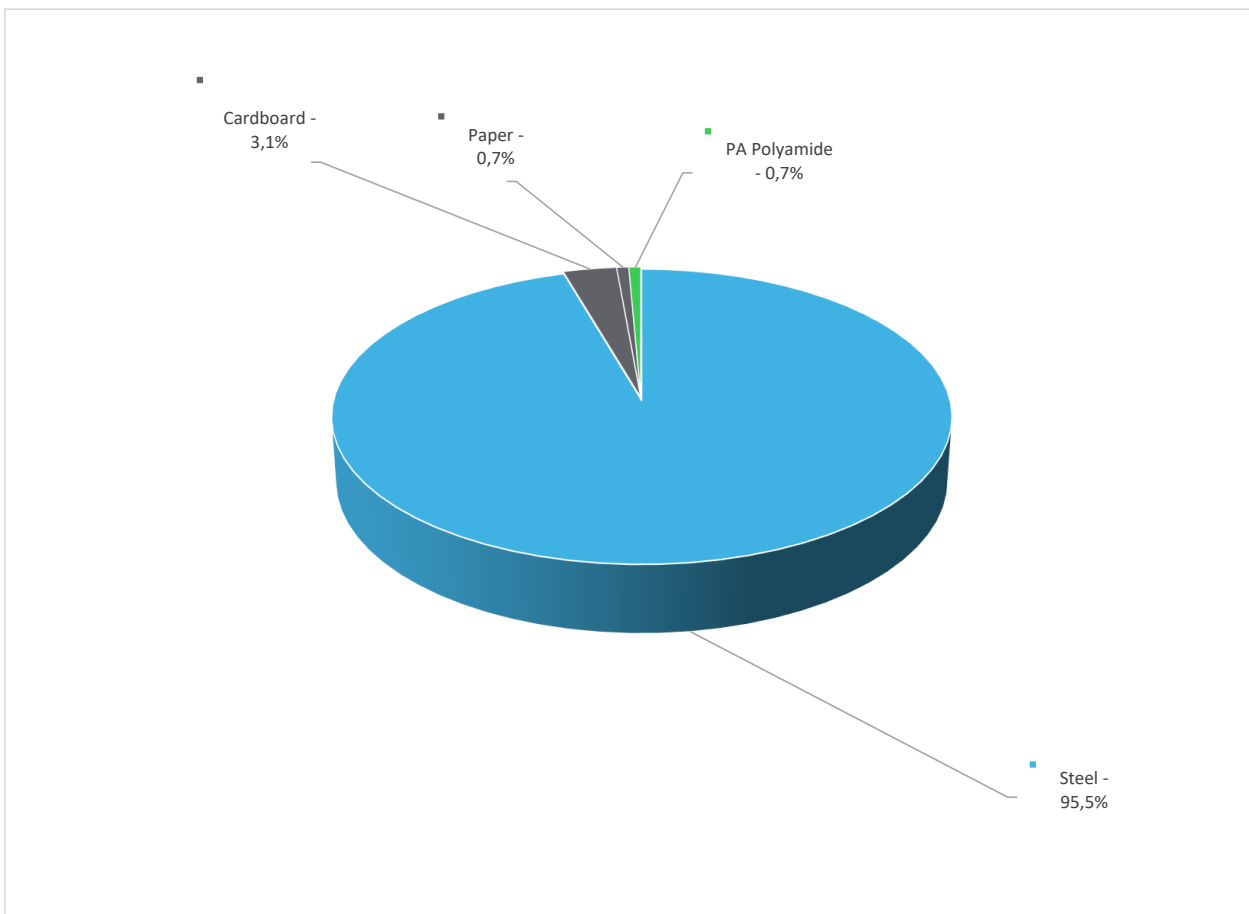
General information

| | |
|----------------------------|----------------------------------------------------------------------------|
| Representative product | GRIGLIA EXW-SMARTEXTIT-S M26 - OVA53176 |
| Description of the product | Protective grid for Exiway Smartexit emergency luminaire |
| Functional unit | Protecting, for 10 years, the emergency luminaire from any type of impact. |



Constituent materials

| | |
|------------------------|------------------------------------------------------------------------------------|
| Reference product mass | 727 g including the product, its packaging and additional elements and accessories |
|------------------------|------------------------------------------------------------------------------------|



| | |
|----------|--------|
| Plastics | 0,70% |
| Metals | 95,50% |
| Others | 3,80% |

Substance assessment

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

<https://www.se.com/ww/en/work/support/green-premium/>

Additional environmental information

| | | | |
|-------------|--------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End Of Life | Recyclability potential: | 97% | Recyclability rate has been calculated based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the "ECO'DEEEE recyclability and recoverability calculation method" was taken. If no data was found a conservative assumption was used (0% recyclability). |
|-------------|--------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Environmental impacts

| | | | |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Reference service life time | 10 years | | |
| Installation elements | During the installation phase, the packaging must be disposed off | | |
| Use scenario | This product is an accessory used only for the purpose of protecting the main product. It is not connected to the power supply | | |
| Geographical representativeness | Europe | | |
| Energy model used | [A1 - A3] | [A5] | [B6] |
| | Electricity Mix; Production mix; Low voltage; IT | Electricity Mix; Production mix; Low voltage; UE-27 | Electricity Mix; Production mix; Low voltage; UE-27 |
| | | | [C1 - C4] |
| | | | Electricity Mix; Production mix; Low voltage; UE-27 |

Detailed results, including all the optional indicators mentioned in PCRed4, and the split of the Use Phase (B1 to B7), are available in the LCA report and on demand in a digital format - Country Customer Care Center - <http://www.schneider-electric.com/contact>

| Mandatory Indicators | | | GRIGLIA EXW-SMARTEXTIT-S M26 - OVA53176 | | | | | |
|--------------------------------------------------------------|---------------------------|----------|-----------------------------------------|--------------|--------------|-----------|-------------|-----------|
| Impact indicators | Unit | Total | Manufacturing | Distribution | Installation | Use | End of Life | Benefits |
| | | | [A1 - A3] | [A4] | [A5] | [B1 - B7] | [C1 - C4] | [D] |
| Contribution to climate change | kg CO2 eq | 3,25E+04 | 3,18E+04 | 0* | 1,53E+01 | 0* | 6,60E+02 | 8,62E+02 |
| Contribution to climate change-fossil | kg CO2 eq | 3,23E+04 | 3,16E+04 | 0* | 1,53E+01 | 0* | 6,60E+02 | 8,46E+02 |
| Contribution to climate change-biogenic | kg CO2 eq | 1,87E+02 | 1,87E+02 | 0* | 0* | 0* | 0* | 1,65E+01 |
| Contribution to climate change-land use and land use change | kg CO2 eq | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to ozone depletion | kg CFC-11 eq | 1,11E-04 | 5,93E-05 | 0* | 2,42E-08 | 0* | 5,14E-05 | 3,09E-05 |
| Contribution to acidification | mol H+ eq | 9,59E+01 | 9,18E+01 | 0* | 8,78E-02 | 0* | 4,00E+00 | 3,19E+00 |
| Contribution to eutrophication, freshwater | kg (PO4) ³⁻ eq | 4,39E-03 | 4,15E-03 | 0* | 3,29E-05 | 0* | 2,10E-04 | 2,00E-02 |
| Contribution to eutrophication marine | kg N eq | 1,79E+01 | 1,65E+01 | 0* | 4,13E-02 | 0* | 1,35E+00 | 8,30E-01 |
| Contribution to eutrophication, terrestrial | mol N eq | 1,96E+02 | 1,81E+02 | 0* | 4,51E-01 | 0* | 1,48E+01 | 7,49E+00 |
| Contribution to photochemical ozone formation - human health | kg COVNM eq | 6,89E+01 | 6,48E+01 | 0* | 1,14E-01 | 0* | 4,06E+00 | 1,97E+00 |
| Contribution to resource use, minerals and metals | kg Sb eq | 1,11E-03 | 1,09E-03 | 0* | 5,49E-07 | 0* | 1,53E-05 | 2,84E-05 |
| Contribution to resource use, fossils | MJ | 8,40E+05 | 8,30E+05 | 0* | 1,93E+02 | 0* | 9,92E+03 | 1,03E+04 |
| Contribution to water use | m3 eq | 7,02E+03 | 6,98E+03 | 0* | 0* | 0* | 3,36E+01 | -1,89E+02 |

Additional indicators for the French regulation are available as well

| Inventory flows Indicators | | | GRIGLIA EXW-SMARTEXTIT-S M26 - OVA53176 | | | | | |
|-----------------------------------------------------------------------------------------------------------------|---------|----------|-----------------------------------------|--------------|--------------|-----------|-------------|-----------|
| Inventory flows | Unit | Total | Manufact. | Distribution | Installation | Use | End of Life | Benefits |
| | | | [A1 - A3] | [A4] | [A5] | [B1 - B7] | [C1 - C4] | [D] |
| Contribution to use of renewable primary energy excluding renewable primary energy used as raw material | MJ | 4,87E+03 | 4,85E+03 | 0* | 0* | 0* | 1,11E+01 | -2,37E+03 |
| Contribution to use of renewable primary energy resources used as raw material | MJ | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 3,96E+03 |
| Contribution to total use of renewable primary energy resources | MJ | 4,87E+03 | 4,85E+03 | 0* | 0* | 0* | 1,11E+01 | 1,59E+03 |
| Contribution to use of non renewable primary energy excluding non renewable primary energy used as raw material | MJ | 8,40E+05 | 8,30E+05 | 0* | 1,93E+02 | 0* | 9,92E+03 | 8,82E+03 |
| Contribution to use of non renewable primary energy resources used as raw material | MJ | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 1,50E+03 |
| Contribution to total use of non-renewable primary energy resources | MJ | 8,40E+05 | 8,30E+05 | 0* | 1,93E+02 | 0* | 9,92E+03 | 1,03E+04 |
| Contribution to use of secondary material | kg | 3,57E+02 | 3,57E+02 | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to use of renewable secondary fuels | MJ | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to use of non renewable secondary fuels | MJ | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to net use of freshwater | m³ | 1,68E+02 | 1,68E+02 | 0* | 0* | 0* | 6,92E-01 | -1,55E+01 |
| Contribution to hazardous waste disposed | kg | 7,34E+03 | 0* | 0* | 0* | 0* | 7,34E+03 | 1,59E+01 |
| Contribution to non hazardous waste disposed | kg | 4,67E+03 | 4,64E+03 | 0* | 2,01E+00 | 0* | 3,06E+01 | 5,74E+03 |
| Contribution to radioactive waste disposed | kg | 3,11E+00 | 3,06E+00 | 0* | 3,95E-04 | 0* | 4,69E-02 | 2,95E-01 |
| Contribution to components for reuse | kg | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to materials for recycling | kg | 7,37E+03 | 7,03E+02 | 0* | 2,72E+02 | 0* | 6,39E+03 | 0,00E+00 |
| Contribution to materials for energy recovery | kg | 2,50E+00 | 0* | 0* | 0* | 0* | 2,50E+00 | 0,00E+00 |
| Contribution to exported energy | MJ | 8,64E-01 | 8,12E-02 | 0* | 7,82E-01 | 0* | 0* | 0,00E+00 |
| Contribution to biogenic carbon content of the product | kg de C | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |
| Contribution to biogenic carbon content of the associated packaging | kg de C | 0,00E+00 | 0* | 0* | 0* | 0* | 0* | 0,00E+00 |

* represents less than 0.01% of the total life cycle of the reference flow

Life cycle assessment performed with EIME version v5.9.4, database version 2022-01 in compliance with ISO14044.

Detailed results, including all the optional indicators mentioned in PCRed4, and the split of the Use Phase (B1 to B7), are available in the LCA report and on demand in a digital format - Country Customer Care Center - <http://www.schneider-electric.com/contact>

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.

| | | | |
|----------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------|----------------------------------------------------------------------|
| Registration number : | ENVPEP2209011_V1 | Drafting rules | PEP-PCR-ed4-2021 09 06 |
| Validity period | 5 years | Supplemented by | No PSR |
| Date of issue | 01/2023 | Information and reference documents | www.pep-ecopassport.org |
| Independent verification of the declaration and data, in compliance with ISO 14021 : 2016 | | | |
| Internal | X | External | |
| The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN) | | | |
| PEP are compliant with XP C08-100-1 :2016 | | | |
| The elements of the present PEP cannot be compared with elements from another program. | | | |
| Document in compliance with ISO 14021 : 2016 « Environmental labels and declarations. Type II environmental declarations » | | | |

Schneider Electric Industries SAS
Country Customer Care Center
<http://www.schneider-electric.com/contact>
35, rue Joseph Monier
CS 30323
F- 92500 Rueil Malmaison Cedex
RCS Nanterre 954 503 439
Capital social 896 313 776 €

www.se.com

0

Published by Schneider Electric

© 2022 - Schneider Electric – All rights reserved

01/2023