# Product data sheet
## Characteristics

# NSYSFN1812502DP
Floor standing modular electrical enclosure, PanelSeT SFN, decarbonized steel, plate, 1800x1200x500mm, 2 doors, IP55



## Main

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|---|---|
| Range | PanelSeT |
| Product name | PanelSeT SFN |
| Device application | Multi-purpose |
| Product or component type | Suitable enclosure |
| Enclosure nominal height | 1800 Mm |
| Enclosure nominal width | 1200 Mm |
| Enclosure nominal depth | 500 Mm |
| Enclosure mounting | Floor-standing |
| Device composition | 2 sliding rails<br>4 mounting plate quick-fixing brackets<br>1 structure: right door<br>1 rear panel<br>1 roof<br>1 mounting plate<br>2 door<br>1 locking system with handle<br>1 locking bar system 4 points: right door<br>1 locking bar system 2 points: left door |

## Complementary

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| Structure type | Panels and doors built into the structure<br>Perforated structure with a pitch of 25 mm<br>Vertical uprights joined with top and bottom frames<br>Formed from a single section |
| Door opening side | Left (120 °)<br>Right (120 °) |
| Door type | Plain front |
| Mounting plate description | Plain |
| Type of gland plate | Without gland plate |
| Lock type | 4 points lock, handle with 5 mm double bar insert front right door |
| Number of doors | Front face: 2 door(s) |
| Accessibility for operation | Front<br>Rear<br>Sides of enclosure |
| Removable parts | Door by screws hinge<br>Mounting plate by screws mounting plate bracket<br>Rear panel by screws<br>Roof by screws<br>Mounting plate bracket by screws<br>Sliding rail by screws |

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|---|---|
| Material | Frame: galvanised steel<br>Uprights: galvanised steel<br>Door: sheet steel<br>Panels: sheet steel<br>Hinge: zamak<br>Handle: polyamide 6 with 30 % fibre glass |
| Surface finish | Epoxy-polyester powder |
| Colour | Enclosure: grey (RAL 7035)<br>Handle: black (RAL 9005) |
| Net weight | 146.1 Kg |

## Environment

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|---|---|
| Standards | IEC 62208<br>UL<br>CUL |
| NEMA degree of protection | NEMA 3R/12 |
| IP degree of protection | IP55 conforming to IEC 60529 |
| IK degree of protection | IK10 conforming to IEC 62262 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 193.000 Cm |
| Package 1 Width | 125.000 Cm |
| Package 1 Length | 59.000 Cm |
| Package 1 Weight | 161.700 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 97 |
| Total lifecycle Carbon footprint | 856 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 415.9067779 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 416 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 30.66113619 |
| Carbon footprint of the distribution phase [A4] | 31 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 43.40881808 |
| Carbon footprint of the installation phase [A5] | 43 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 366.2730431 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 366 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 856 |
| Average percentage of recycled metal content | 45 % |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| SCIP Number | 695ecfbd-bb51-4da6-80d3-6b38e7bcfee6 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead, which is known to the State |
| End of life manual availability | End Of Life Information |
| Take-back | No |

## Contractual warranty

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| Warranty (in months) | 18 |

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| Product Life Status : | Commercialised |