

# Product datasheet

Specifications



automatic transfer switch,  
TransferPacT, 1250A, 400V, 4P,  
LCD, TA1A

TA1AD4L12H4TPE

## Main

|                                           |                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------|
| Range of product                          | TransferPacT                                                                        |
| Product or component type                 | Automatic transfer switch                                                           |
| Device application                        | Change source of supply                                                             |
| Poles description                         | 4P                                                                                  |
| Network type                              | AC                                                                                  |
| Network frequency                         | 50/60 Hz                                                                            |
| Downside connection                       | Screwed                                                                             |
| Mounting mode                             | Fixed                                                                               |
| Upside connection                         | Screwed                                                                             |
| Contact position indicator                | Yes                                                                                 |
| [Icm] rated short-circuit making capacity | 105 kA switch-disconnector alone<br>154 kA with upstream protection circuit breaker |
| Suitability for isolation                 | Yes                                                                                 |

## Complementary

|                                        |                                     |
|----------------------------------------|-------------------------------------|
| Transfer switch class                  | PC                                  |
| Number of contact position             | 3                                   |
| Signal contacts composition            | 1 NO + 2 NC<br>1 NC + 2 NO<br>2 NO  |
| Utilization category                   | AC-33B<br>AC-33A                    |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz                   |
| Control type                           | 4 push-buttons                      |
| Operating mode                         | Automatic<br>Manual                 |
| Control type                           | Automatic                           |
| Display type                           | LCD screen                          |
| Mounting support                       | Plate                               |
| Locking options description            | Padlock in OFF position             |
| Rated duty                             | Uninterrupted                       |
| [Ui] rated insulation voltage          | Switch: 1000 V<br>Controller: 500 V |
| [Uimp] rated impulse withstand voltage | Switch: 12 kV<br>Controller: 6 kV   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                             |                                          |
|---------------------------------------------|------------------------------------------|
| [Ie] rated operational current              | 1250 A                                   |
| Mechanical interlocking                     | With mechanical interlocking             |
| Mechanical durability                       | 10000 cycles                             |
| Connection pitch                            | 115 mm                                   |
| [Icw] rated short-time withstand current    | 50 kA during 0.5 s<br>70 kA during 0.1 s |
| Height                                      | 391 mm                                   |
| Width                                       | 540 mm                                   |
| Depth                                       | 383.5 mm                                 |
| Product weight                              | 69.5 kg                                  |
| [Ith] conventional free air thermal current | 1250 A at 60 °C                          |

## Environment

|                                       |                                                                      |
|---------------------------------------|----------------------------------------------------------------------|
| Standards                             | IEC 60947-6-1                                                        |
| Product certifications                | CCC<br>CE<br>CB                                                      |
| IP degree of protection               | Front face: IP40 auto mode<br>Inside the enclosure: IP20 manual mode |
| Ambient air temperature for operation | -25...70 °C                                                          |
| Ambient air temperature for storage   | -40...85 °C                                                          |
| Pollution degree                      | 3                                                                    |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 72.000 cm |
| Package 1 Width              | 60.000 cm |
| Package 1 Length             | 80.000 cm |
| Package 1 Weight             | 80.999 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 6 862 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 456 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 28 kg CO2 eq.                                 |
| Carbon footprint of the installation phase [A5]        | 0.5 kg CO2 eq.                                |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 6 154 kg CO2 eq.                              |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 224 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                   |
| Packaging without single use plastic   | No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards |
| SCIP Number                            | 5087b8c2-9d95-4c3d-b29e-1dae16dd345e                                                                                                  |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                |
| Halogen-free status                    | Halogen free plastic parts product                                                                                                    |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 50                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Technical Illustration

Dimensions

