# Product datasheet

Specifications

## TransferPacT Automatic, 500A, 400V, 3P, Rotary, frame 630A

TA63D3S5004TPE

## Main

| | |
|---|---|
| **Range of product** | TransferPacT |
| **Product or component type** | Automatic transfer switch |
| **Device application** | Change source of supply |
| **Poles description** | 3P |
| **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** | 40 kA switch-disconnector alone 400 V AC at 50 Hz<br>330 kA with upstream protection circuit breaker 400 V AC at 50 Hz |
| **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 |
| **[Ue] rated operational voltage** | 400 V AC 50/60 Hz |
| **Control type** | Rotary knob<br>Selector switch |
| **Operating mode** | Manual<br>Automatic |
| **Mounting support** | Plate |
| **Locking options description** | Padlock in OFF position<br>Padlock in SI / SII position |
| **Rated duty** | Uninterrupted |
| **[Ui] rated insulation voltage** | Switch: 800 V<br>Controller: 500 V |
| **[Uimp] rated impulse withstand voltage** | Switch: 12 kV<br>Controller: 6 kV |
| **[Ie] rated operational current** | 500 A |

| | |
|---|---|
| **Mechanical interlocking** | With mechanical interlocking |
| **Mechanical durability** | 10000 cycles |
| **Connection pitch** | 45 mm |
| **Local signalling** | LED indicator (green) for power ON<br>LED indicator (red) for alarm |
| **[Icw] rated short-time withstand current** | 20 kA during 0.5 s<br>25 kA during 0.1 s |
| **Height** | 341 mm |
| **Width** | 467 mm |
| **Depth** | 185.8 mm |
| **Net weight** | 20.8 kg |
| **[Ith] conventional free air thermal current** | 500 A at 60 °C |

## Environment

| | |
|---|---|
| **Standards** | IEC 60947-6-1 |
| **Product certifications** | CE<br>CB<br>CCC |
| **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** | 73.000 cm |
| **Package 1 Width** | 60.000 cm |
| **Package 1 Length** | 80.000 cm |
| **Package 1 Weight** | 34.999 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 | **3 087 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **150 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **7 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.2 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **2 881 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **49 kg CO2 eq.** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| SCIP Number | **C3983c66-b0d8-4e89-97bd-6283c5c8cdd7** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |

## Use Longer

### Lifetime extension

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

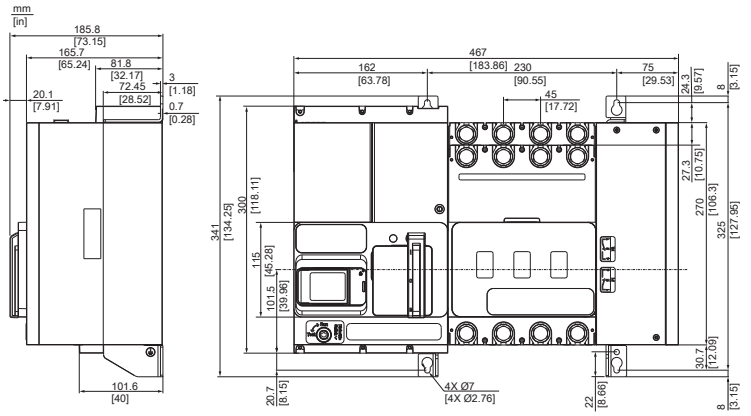
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **77** |
| End of life manual availability | **End of Life Information** |
| 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



Technical Illustration

## Assembly exploded view