

# Product datasheet

Specifications



transfer switch, TransferPacT  
automatic, 80A, 400V, 4P,  
rotary,frame 160A

TA16D4S0804TPE

EAN Code: 3606482131637

## 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	154 kA with upstream protection circuit breaker 400 V AC at 50 Hz 20 kA switch-disconnector alone 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 1 NC + 2 NO 2 NO
Utilization category	AC-33B
[Ue] rated operational voltage	400 V AC 50/60 Hz
Control type	Rotary knob Selector switch
Operating mode	Automatic Manual
Mounting support	Plate DIN rail
Locking options description	Padlock in OFF position
Rated duty	Uninterrupted
[Ui] rated insulation voltage	Switch: 800 V Controller: 500 V
[Uimp] rated impulse withstand voltage	Switch: 8 kV Controller: 6 kV
[Ie] rated operational current	80 A

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

Mechanical interlocking	With mechanical interlocking
Mechanical durability	10000 cycles
Connection pitch	30 mm
[Icw] rated short-time withstand current	10 kA during 0.1 s
Height	164 mm
Width	351 mm
Depth	95 mm
Net weight	5.6 kg
[Ith] conventional free air thermal current	80 A at 60 °C

## Environment

Standards	IEC 60947-6-1
Product certifications	CE CB CCC
IP degree of protection	Front face: IP40 auto mode 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	13.6 cm
Package 1 Width	22 cm
Package 1 Length	40 cm
Package 1 Weight	6.713 kg

## Contractual warranty

Warranty	18 months
----------	-----------

# 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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	572
---	-----

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
--------------------------	---

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	No
--	----

Packaging without single use plastic	No
--------------------------------------	----

EU RoHS Directive	Compliant with Exemptions
-------------------	---------------------------

REACH Regulation	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

China RoHS Regulation	<a href="#">China RoHS declaration</a>
-----------------------	--

## Use Again

### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
---------------------	---

Take-back	No
-----------	----

Technical Illustration


Dimensions

---

Offer Marketing Illustration

Product benefits / Features

---

A black industrial electrical device, the TransferPacT TA16D4S0804TPE, is shown against a green circular background. The device has a small LCD display on the left side of its front panel, a yellow push button, and several terminal blocks on the right side. The Schneider Electric logo is visible on the top left of the device.

### TransferPacT

#### Technical Benefits

- Precise power monitoring, predictive maintenance, and easy access to documentation.
- Operates from -25°C to 70°C and complies with rigorous vibration tests.
- The front has a inbuilt LCD display module which is used for displaying status and alarm setting, and control by push button.
- It can be fixed on the Din rail or plate and position it inside of power distribution cabinet.
- Defined and clear coordination table with upstream protection to protect properly your ATS and electrical installation.

Offer Marketing Illustration

Product benefits / Features

---

TransferPacT

Automatic Transfer Switch



Power availability

Innovative technology to ensure ultra-fast transfer performance, short circuit capabilities and best-in-class electromagnetic protection, exceeding industry standards on class B.



Efficiency and simplicity

Upgradeable functional modular design, space-saving with a compact design, easy to install.



Natively connected with EcoStruxure Power

Precise power monitoring on voltage, frequency, voltage unbalance, and phase rotation.



6

Life Is On | Schneider Electric

26 Dec 2024

Offer Marketing Illustration

Product benefits / Features

---



### TransferPacT

Range Accessories



External HMI



Display modules



Terminal shield



Load extension



Auxiliary contacts



Function module

Offer Marketing Illustration

Product benefits / Features

---

TransferPacT

Technical Features

• Dielectric switch

Secured dielectric test approach and an uninterrupted main circuit during upgrade or maintenance.

• Power connection

Built-in DPS and sensing wire to save 30% of commissioning time.

• LED Indicator

Indicates power state, alarm, switch position, and operating mode.

• Three position slider

Automatic position, manual position, padlock position to disconnect for maintenance.

• Function module

Provide fire protection, genset control, remote transfer, load-shedding, test, and communication functions.



8

Life Is On

Schneider

Electric

26 Dec 2024



Technical Illustration

Exploded view

