

Product datasheet

Specifications



automatic transfer switch,
TransferPacT automatic, 160A, 3P,
rotary, frame 160A

TA16D3S1604TPE

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	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	160 A

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

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	160 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	14.000 cm
Package 1 Width	22.500 cm
Package 1 Length	40.000 cm
Package 1 Weight	6.372 kg
Unit Type of Package 2	P12
Number of Units in Package 2	12
Package 2 Height	102.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	97.500 kg

Contractual warranty

Warranty (in months)	18
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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	997 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	58 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.8 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	925 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	13 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	A1fc73f8-de81-44a7-b72d-ace30a3d1e96
REACH Regulation	REACH Declaration

Use Longer




Lifetime extension

Repair	No
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Use Again

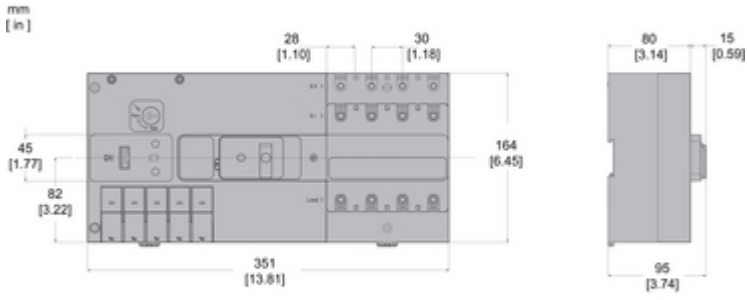


Repack and remanufacture

Recyclability potential, in %	59
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



Offer Marketing Illustration

Product benefits / Features



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.



Offer Marketing Illustration

Product benefits / Features

The graphic features a large green semi-circle on the left side. In the center, there is a photograph of the TransferPacT electrical device, a black rectangular unit with a small LCD screen and various ports. To the right of the device, the text 'TransferPacT' is written in a large, bold, black font, with 'Technical Benefits' underneath it in a smaller, green font. Below this, there are five vertical green bars, each followed by a short paragraph of text describing a technical benefit 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 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.
- Function module**
Provide fire protection, genset control, remote transfer, load-shedding, test, and communication functions.
- Three position slider**
Automatic position, manual position, padlock position to disconnect for maintenance.

Technical Illustration

Exploded view

