

# Product datasheet

Specifications



automatic transfer switch,  
TransferPacT, 1600A, 400V, 3P,  
LCD, TA1A

TA1AD3L16H4TPE

## 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	105 kA switch-disconnector alone 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 1 NC + 2 NO 2 NO
Utilization category	AC-33B
[Ue] rated operational voltage	400 V AC 50/60 Hz
Control type	4 push-buttons
Operating mode	Automatic 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 Controller: 500 V
[Uimp] rated impulse withstand voltage	Switch: 12 kV 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

<b>[Ie] rated operational current</b>	1600 A
<b>Mechanical interlocking</b>	With mechanical interlocking
<b>Mechanical durability</b>	10000 cycles
<b>Connection pitch</b>	115 mm
<b>[Icw] rated short-time withstand current</b>	50 kA during 0.5 s 70 kA during 0.1 s
<b>Height</b>	391 mm
<b>Width</b>	540 mm
<b>Depth</b>	383.5 mm
<b>Net weight</b>	65 kg
<b>[Ith] conventional free air thermal current</b>	1600 A at 60 °C

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	73.5 cm
<b>Package 1 Width</b>	60 cm
<b>Package 1 Length</b>	80 cm
<b>Package 1 Weight</b>	72 kg

## Contractual warranty

<b>Warranty (in months)</b>	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	1 634 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	1 207 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	22 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	240 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	164 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	5087b8c2-9d95-4c3d-b29e-1dae16dd345e
Halogen-free status	Halogen free plastic parts product

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	64
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

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