

Product datasheet

Specifications



automatic transfer switch,
TransferPacT, 1600A, 400V, 4P,
LCD, TA1A

TA1AD4L16H4TPE

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 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

[Ie] rated operational current	1600 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 70 kA during 0.1 s
Height	391 mm
Width	540 mm
Depth	383.5 mm
Net weight	72 kg
[Ith] conventional free air thermal current	1600 A at 60 °C

Environment

Standards	IEC 60947-6-1
Product certifications	CCC CE CB
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	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
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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	2 101 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	1 613 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	29 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.6 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]	219 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
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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	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

