Product datasheet

Specifications

active automatic transfer switch, TransferPacT, 800A, 230V, 4P, LCD, frame 800A

TA80D4L8002TPE

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	40 kA switch-disconnector alone 400 V AC at 50 Hz 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 1 NC + 2 NO 2 NO
Utilization category	AC-33B
[Ue] rated operational voltage	230 V AC 50/60 Hz
Control type	4 push-buttons
Operating mode	Automatic Manual
Display type	LCD screen
Mounting support	Plate
Locking options description	Padlock in OFF position Padlock in SI / SII 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
[Ie] rated operational current	800 A

Mechanical interlocking	With mechanical interlocking
Mechanical durability	10000 cycles
Connection pitch	45 mm
[Icw] rated short-time withstand current	20 kA during 0.5 s 25 kA during 0.1 s
Height	341 mm
Width	467 mm
Depth	186 mm
Net weight	22.4 kg
[Ith] conventional free air thermal current	800 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	80 cm
Package 1 Width	60 cm
Package 1 Length	73.5 cm
Package 1 Weight	37 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	**6 321 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**156 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**8 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]	**6 107 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**51 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

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**

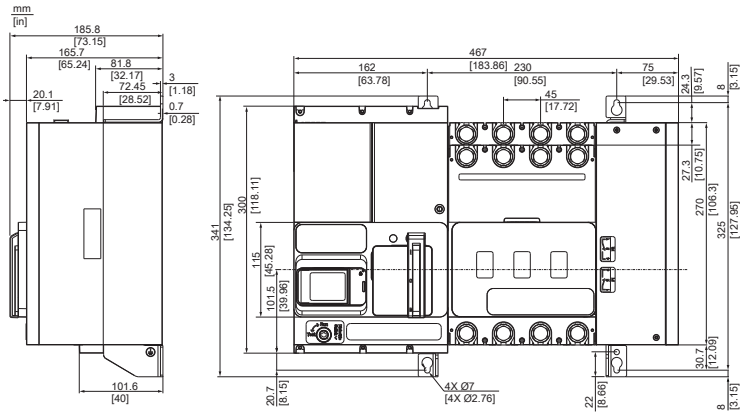
Use Again

Repack and remanufacture

Recyclability potential, in %	**77**
End of life manual availability	**End of Life Information**
Take-back	**Nej**
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