

# Product datasheet

Specifications



## voltage transformer - 230..400 V - 2 x 24 V - 100 VA - with mounting plate

ABL6TD10BP

⚠ Discontinued on: Jan 23, 2021

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### Main

Range of product	Modicon Optimized
rated power in VA	25 VA
Product or component type	Safety and isolation transformer
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2
Secondary winding	Single
Protective cover	Without
Ambient air temperature for operation	-20...50 °C

### Complementary

Input voltage limits	360...440 V 207...253 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Efficiency	79 %
Power dissipation in W	6.6 W
Output sustained overvoltage	15 % (no load, hot state)
No load losses	3 W
Output protection type	Against overload, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection Against overvoltage, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection Against short-circuits, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection
Connections - terminals	For input connection: screw type terminals, connection capacity: 5 x 4 mm <sup>2</sup> AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 4 mm <sup>2</sup> AWG 11 For output connection: screw type terminals, connection capacity: 2 x 4 mm <sup>2</sup> AWG 11
Marking	CE
Fixing mode	By 4 screws diameter: 4.8 mm on vertical panel, operating position: horizontal By 4 screws diameter: 4.8 mm on vertical panel, operating position: vertical By clips (with mounting plate) on 35 mm symmetrical DIN rail By 4 screws diameter: 4.8 mm on horizontal panel with derating to 90 %
Electrical insulation class	Class B
Product weight	0.7 kg

### Environment

<b>Product certifications</b>	UR EAC DNV-GL
<b>Standards</b>	UL 506
<b>IP degree of protection</b>	IP20
<b>Protective treatment</b>	TC
<b>Ambient air temperature for storage</b>	-40...80 °C
<b>Overvoltage category</b>	Class I conforming to VDE 0106-1
<b>Dielectric strength</b>	2000 V between winding and ground 4000 V between primary and secondary

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

## 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 >](#)

### Use Longer



#### Lifetime extension

Repair

No