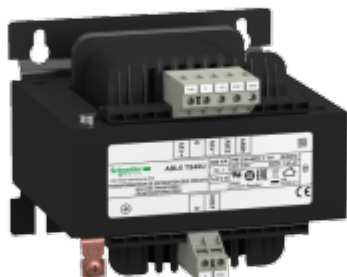


# Product Datasheet

## Characteristic

# ABL6TS40U

voltage transformer - 230..400 V - 1 x  
230 V - 400 VA



### Main

Range of product	Modicon Transformer Optimized
product or component type	Safety and isolation transformer
Rated power in VA	400 VA
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2
Output voltage	230 V AC
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	92 %
Power dissipation in W	34.8 W
Output sustained overvoltage	4 % (no load, hot state)
Maximum voltage drop at rated load	0.7 %
No load losses	12.4 W
Short-circuit voltage	0,0477
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: 5.8 mm on vertical panel, operating position: horizontal By 4 screws diameter: 5.8 mm on vertical panel, operating position:

	vertical By 4 screws diameter: 5.8 mm on horizontal panel with derating to 90 %
Operating altitude	3000 m
Electrical insulation class	Class B
Width	135.0 mm
Height	108.0 mm
Depth	134.0 mm
net weight	6.43 kg

## Environment

Product certifications	EAC UR DNV-GL
Standards	UL 506
IP degree of protection	IP20
Environmental characteristic	EMC conforming to EN 62041 Safety conforming to EN 61558-1 Safety conforming to EN 61558-2-4
protective treatment	TC
Ambient air temperature for storage	-40...80 °C
Overvoltage category	Class I conforming to VDE 0106-1
Dielectric strength	2000 V between winding and ground 4000 V between primary and secondary

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.000 cm
Package 1 Width	22.500 cm
Package 1 Length	26.000 cm
Package 1 Weight	7.044 kg
Unit Type of Package 2	P06
Number of Units in Package 2	15
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	118.210 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	X
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP121202EN
Circularity Profile	N/A
PVC free	Yes