ABL6TS10B
voltage transformer - 230..400 V - 1 x 24 V - 100 VA

Main
Range of product
Phaseo Optimum
Product or component type
Safety and isolation transformer
Rated power in VA
100 VA
Input voltage
230 V AC single phase , terminal(s): N-L1
400 V AC phase to phase , terminal(s): L1-L2
Output voltage
24 V AC
Secondary winding
Single
Protective winding
Without

Complementary
Input voltage limits
207...253 V
360...440 V
Network frequency limits
47...63 Hz
Input voltage tolerance
+/- 15 V
Efficiency
86 %
Power dissipation in W
16.3 W
Output sustained overvoltage
9 % (no load, hot state)
Voltage drop at rated load
0 %
No load losses
7.1 W
Short-circuit voltage
7.86 %
Output protection type
Against overload , protection technology: external
Against overvoltage , protection technology: external
Against short-circuits , protection technology: external
Connections - terminals
Screw type terminals for input connection , connection capacity: 5 x 4 mm² AWG gauge11
Screw type terminals for input ground connection , connection capacity: 1 x 4 mm² AWG gauge11
Screw type terminals for output connection , connection capacity: 2 x 4 mm² AWG gauge11
Marking
CE
Fixing mode
By 4 screws , screw(s) # = 4.8 mm on vertical panel , operating position: vertical
By 4 screws , screw(s) # = 4.8 mm on vertical panel , operating position: horizontal
By 4 screws , screw(s) # = 4.8 mm on horizontal panel with derating to 90 %
By clips (with mounting plate) on 35 mm symmetrical DIN rail
Electrical insulation class
Class B
Product weight
2.1 kg

Environment
Product certifications
UR
IP degree of protection
IP20 conforming to EN/IEC 60529
Protective treatment
TC
Ambient air temperature for operation
-20...50 °C
Ambient air temperature for storage
-40...80 °C
Class of protection against electric shock
Class I conforming to VDE 0106-1
Dielectric strength
2000 V between winding and ground
4000 V between primary and secondary
RoHS EUR conformity date
0623
RoHS EUR status
Compliant