ABT7PDU016G

voltage transformer - 230..400 V - 2 x 115 V - 160 VA

Main

Range of product	Phaseo Universal	
Product or component type	Safety and isolation transformer	
Rated power in VA	160 VA	
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2	
Output voltage	115/230 V AC	
Secondary winding	Double	
Protective cover	With	
Ambient air temperature for operation	-2060 °C	

Complementary

Network frequency limits 4763 Hz Input voltage tolerance 4-/ 15 V Efficiency 88 % Power dissipation in W 21.8 W Voltage variation at nominal load 0,033 at 400 V 0,0339 at 230 V Output sustained overvoltage 0,025 (no load, hot state) Voltage drop at rated load 3.61 % No load losses 9.53 W Short-circuit voltage 0,067 Output protection type Against overload, protection technology: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external Pagainst short-circuits,	Input voltage limits	207253 V 360440 V
Input voltage tolerance #-/- 15 V Efficiency 88 % Power dissipation in W 21.8 W Voltage variation at nominal load 0,033 at 400 V 0,0339 at 230 V Output sustained overvoltage 0,025 (no load, hot state) Voltage drop at rated load 3.61 % No load losses 9.53 W Short-circuit voltage 0,067 Output protection type Against overload, protection technology: external Against short-circuits, protection technology: external Against for input ground connection, connection capacity: 5 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 5 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 5 x 4 mm²AWG gauge11 Screw sype terminals for output connection, connection capacity: 5 x 4 mm²AWG gauge11 Screw sype terminals for input voltage 9.6.5 mm on horizontal panel with derating to 90 % gauge 10 gains on the voltage 9.6.5 mm on horizontal panel with derating to 90 % gauge 10 gains on the voltage 9.6.5 mm on horizontal panel with derating to 90 % gains to voltage 9.6.5 mm on horizontal panel with derating to 90 % gains to voltage 9.6.5 mm on horizontal panel with de	Network frequency limits	
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Output sustained overvoltage O,025 (no load, hot state) Voltage drop at rated load 3.61 % No load losses 9.53 W Short-circuit voltage O,067 Output protection type Against overload, protection technology: external Against overload, protection technology: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external Against short-circuits, protection technology: external Against short-circuits, protection technology: external Connections - terminals Screw type terminals for input connection, connection capacity: 5 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 9 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 9 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 9 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 9 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input	Power dissipation in W	21.8 W
Voltage drop at rated load 3.61 % No load losses 9.53 W Short-circuit voltage 0,067 Output protection type Against overload, protection technology: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external Against protection technology: external Against protection technology: ext	Voltage variation at nominal load	
No load losses 9.53 W	Output sustained overvoltage	0,025 (no load, hot state)
Short-circuit voltage Output protection type Against overload, protection technology: external Against overvoltage, 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 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Marking CE Fixing mode By clips on 35 x 15 mm symmetrical DIN rail By 4 screws, screw(s) Ø = 6.5 mm on horizontal panel with derating to 90 % By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: horizontal By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: vertical Output coupling Grounding of secondary Parallel Series by internal jumper Electrical insulation class Class B Status LED 1 LED orange for input voltage	Voltage drop at rated load	3.61 %
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 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Marking CE Fixing mode By clips on 35 x 15 mm symmetrical DIN rail By 4 screws, screw(s) Ø = 6.5 mm on horizontal panel with derating to 90 % By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: horizontal By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: vertical By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: vertical Cutput coupling Grounding of secondary Parallel Series by internal jumper Electrical insulation class Class B Status LED 1 LED orange for input voltage	No load losses	9.53 W
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gauge 11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Marking CE Fixing mode By clips on 35 x 15 mm symmetrical DIN rail By 4 screws, screw(s) Ø = 6.5 mm on horizontal panel with derating to 90 % By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: horizontal By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: vertical Output coupling Grounding of secondary Parallel Series by internal jumper Electrical insulation class Class B Status LED 1 LED orange for input voltage	Output protection type	Against overvoltage, protection technology: external
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Status LED 1 LED orange for input voltage	Output coupling	Parallel
9 . 9	Electrical insulation class	Class B
Product weight 4.4 kg	Status LED	1 LED orange for input voltage
	Product weight	4.4 kg

Environment

Product certifications	CURus ENEC	
IP degree of protection	IP20 conforming to EN/IEC 60529	
Ambient air temperature for storage	-4080 °C	
Relative humidity	095 % during operation	
Class of protection against electric shock	Class I conforming to VDE 0106-1	
Dielectric strength	3200 V between input and ground	

