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DATA SHEET

M 230/24-12

Produal

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M230/24-12 - transformer



M230/24-12 transformer is used to transform 230 Vac voltage to 24 Vdc voltage.

Technical specifications

Property	Value
Input	230 Vac, <0.5 A
Output	24 Vdc, <0.5 A, 12 W
Overload protection	Type: auto-recovery
Short circuit protection	Type: hiccup mode, auto-recovery
Output cable	
Cable type	24 AWG*2C
Length	1500 mm
Withstand voltage	IN/OUT: 3.6 kVac
Isolation resistance	IN/OUT: 10 MΩ / 500 Vdc / 25 °C / 70 %
Operating conditions	
Temperature	0...40 °C
Humidity	10...90 %rH (non-condensing)
Storage conditions	
Temperature	-20...85 °C
Humidity	5...90 %rH (non-condensing)
Dimensions	62 x 28 x 39 mm
Weight	125 g

Ordering information

	Type	Product number	Description
	M230/24-12	1184160	Transformer, 230 Vac -> 24 Vdc

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Supported standards and directives

Standard	Description
2014/30/EU	Electromagnetic Compatibility (EMC).
2011/65/EU	Restriction of Hazardous Substances (RoHS2) Directive.
(EU) 2015/863	Commission Delegated Directive, amending Annex II to Directive 2011/65/EU.
EN 60950-1	Information technology equipment - Safety - Part 1: General requirements
EN 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61000-4-2:2009	Electromagnetic compatibility (EMC). Testing and measuring techniques - Electrostatic discharge immunity test.
EN 61000-4-3:2006/ AMD2:2010	Electromagnetic compatibility (EMC). Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test.
EN 61000-4-4:2012	Electromagnetic compatibility (EMC). Testing and measurement techniques - Electrical fast transient/burst immunity test.
EN 61000-4-5:2014/ AMD1:2017	Electromagnetic compatibility (EMC). Testing and measurement techniques - Surge immunity test.
EN 55032	Electromagnetic compatibility of multimedia equipment - Emission Requirements

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