



Main

Range of product	Phaseo Optimum
Product or component type	Safety and isolation transformer
Rated power in VA	63 VA
Input voltage	230 V AC single phase N-L1 400 V AC phase to phase L1-L2
Output voltage	24 V AC
Secondary winding	Single
Protective cover	Without

Complementary

Input voltage limits	207...253 V 360...440 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Efficiency	84 %
Power dissipation in W	12 W
Output sustained overvoltage	9 % no load, hot state
Voltage drop at rated load	0,2 %
No load losses	5,3 W
Short-circuit voltage	8.62 %
Output protection type	Against overload external Against overvoltage external Against short-circuits external
Connections - terminals	Screw type terminals input connection 5 x 4 mm ² 11 Screw type terminals input ground connection 1 x 4 mm ² 11 Screw type terminals output connection 2 x 4 mm ² 11
Marking	CE
Fixing mode	By 4 screws 4,8 mm vertical panel vertical By 4 screws 4,8 mm vertical panel horizontal By 4 screws 4,8 mm horizontal panel with derating to 90 % By clips (with mounting plate) 35 mm symmetrical DIN rail
Electrical insulation class	Class B
Product weight	1,6 kg

Environment

Product certifications	UR
IP degree of protection	IP20 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 VDE 0106-1
Dielectric strength	2000 V between winding and ground 4000 V between primary and secondary
RoHS EUR status	Compliant
RoHS EUR conformity date	0623

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