



Main

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| Range of product | Phaseo Economic |
| Product or component type | Safety and isolation transformer |
| Rated power in VA | 400 VA |
| Input voltage | 230 V AC phase to phase, terminal(s): L1-L2 230 V AC single phase, terminal(s): N-L1 |
| Output voltage | 24 V AC |
| Secondary winding | Single |
| Protective cover | Without |
| Ambient air temperature for operation | -20...40 °C |

Complementary

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| Input voltage limits | 207...253 V |
| Network frequency limits | 47...63 Hz |
| Input voltage tolerance | +/- 15 V |
| Efficiency | 90 % |
| Power dissipation in W | 44.4 W |
| Voltage variation at nominal load | 0,0429 at 230 V |
| Output sustained overvoltage | 5 % (no load, hot state) |
| Voltage drop at rated load | 5.75 % |
| No load losses | 19.3 W |
| Short-circuit voltage | 0,055 |
| 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: 4 x 2.5...4 x 4 mm ² AWG gauge14...11 Screw type terminals for input ground connection, connection capacity: 1 x 2.5...1 x 4 mm ² AWG gauge14...11 Screw type terminals for output connection, connection capacity: 2 x 2.5...2 x 4 mm ² AWG gauge14...11 |
| Marking | CE |
| Fixing mode | By 4 screws, screw(s) Ø = 5 mm on horizontal panel with derating to 90 % By 4 screws, screw(s) Ø = 5 mm on vertical panel, operating position: horizontal By 4 screws, screw(s) Ø = 5 mm on vertical panel, operating position: vertical |
| Electrical insulation class | Class B |
| Product weight | 5.1 kg |

Environment

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| IP degree of protection | IP20 conforming to EN/IEC 60529 |
| Ambient air temperature for storage | -40...80 °C |
| Relative humidity | 0...95 % during operation |
| Class of protection against electric shock | Class I conforming to VDE 0106-1 |
| Dielectric strength | 3200 V between input and ground 3200 V between output and ground 5100 V between input and output |

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