

# ABT7PDU025G

voltage transformer - 230..400 V - 2 x 115 V - 250 VA



## Main

|                                       |   |
|---------------------------------------|---|
| Range of product                      | Phaseo Universal  |
| Product or component type             | Safety and isolation transformer  |
| Rated power in VA                     | 250 VA  |
| Input voltage                         | 230 V AC single phase, terminal(s): N-L1<br>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 | -20...60 °C   |

## Complementary

|                                   |   |
|-----------------------------------|---|
| Input voltage limits              | 207...253 V<br>360...440 V  |
| Network frequency limits          | 47...63 Hz  |
| Input voltage tolerance           | +/- 15 V  |
| Efficiency                        | 90 %  |
| Power dissipation in W            | 27.8 W  |
| Voltage variation at nominal load | 0,0313 at 230 V<br>0,0313 at 400 V  |
| Output sustained overvoltage      | 0,018 (no load, hot state)  |
| Voltage drop at rated load        | 3.37 %  |
| No load losses                    | 13.68 W   |
| Short-circuit voltage             | 0,066   |
| Output protection type            | Against overload, protection technology: external<br>Against overvoltage, protection technology: external<br>Against short-circuits, protection technology: external  |
| Connections - terminals           | Screw type terminals for input connection, connection capacity: 5 x 4 mm <sup>2</sup> AWG gauge11<br>Screw type terminals for input ground connection, connection capacity: 1 x 4 mm <sup>2</sup> AWG gauge11<br>Screw type terminals for output connection, connection capacity: 4 x 4 mm <sup>2</sup> AWG gauge11 |
| Marking                           | CE  |
| Fixing mode                       | By 4 screws, screw(s) Ø = 6.5 mm on horizontal panel with derating to 90 %<br>By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: horizontal<br>By 4 screws, screw(s) Ø = 6.5 mm on vertical panel, operating position: vertical  |
| Output coupling                   | Grounding of secondary<br>Parallel<br>Series by internal jumper   |
| Electrical insulation class       | Class B   |
| Status LED                        | 1 LED orange for input voltage  |
| Product weight                    | 5.6 kg  |

## Environment

|  |                                  |
|--|----------------------------------|
| Product certifications                     | CURus<br>ENEC                    |
| 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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