

Data sheet
 PS 307 (307-1KA00)

Technical data

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| Order no. | 307-1KA00 |
| Type | PS 307 |
| General information | |
| Note | - |
| Features | AC 120...230 V DC 24 V 10 A 60/50 Hz switchable |
| SPEED-Bus | - |
| Technical data power supply | |
| Input voltage (rated value) | AC 120/230 V |
| Input voltage (permitted range) | AC 90...132/180...264 V |
| Mains frequency (rated value) | 50...60 Hz |
| Mains frequency (permitted range) | 47...63 Hz |
| Input current (at 120 V) | 4.1 A |
| Input current (at 230 V) | 2.1 A |
| Inrush current (at 25 °C) | 55 A |
| I ² t | 9 A ² s |
| Power consumption typ. | 275 W |
| Output voltage (rated value) | 24 V |
| Output current (rated value) | 10 A |
| Power supply parallel switchable | - |
| Protect type | short circuits (electr.) non-latching, overload, vacancy |
| Ripple of output voltage (max.), BW=20 MHz | 150 mV |
| Efficiency typ. | 87 % |
| Power loss typ. | 35 W |
| Status information, alarms, diagnostics | |
| Status display | yes |
| Interrupts | no |
| Process alarm | no |
| Diagnostic interrupt | no |
| Diagnostic functions | no |
| Diagnostics information read-out | none |
| Supply voltage display | none |
| Group error display | none |
| Channel error display | none |
| Housing | |
| Material | PPE |
| Mounting | Rail System 300 |
| Mechanical data | |
| Dimensions (WxHxD) | 120 mm x 125 mm x 120 mm |
| Net weight | 1110 g |

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|---------------------------------|-----------------|
| Weight including accessories | - |
| Gross weight | - |
| Environmental conditions | |
| Operating temperature | 0 °C to 60 °C |
| Storage temperature | -25 °C to 70 °C |
| Certifications | |
| UL certification | - |
| KC certification | yes |