

Data sheet PS 307 (307-1KA00)

Technical data

Order no.	307-1KA00
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Type	PS 307
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General information

Note	-
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Features	AC 120...230 V DC 24 V 10 A 60/50 Hz switchable
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SPEED-Bus	-
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Technical data power supply

Input voltage (rated value)	AC 120/230 V
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Input voltage (permitted range)	AC 90...132/180...264 V
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Mains frequency (rated value)	50...60 Hz
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Mains frequency (permitted range)	47...63 Hz
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Input current (at 120 V)	4.1 A
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Input current (at 230 V)	2.1 A
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Inrush current (at 25 °C)	55 A
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I^2t	9 A ² s
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Power consumption typ.	275 W
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Output voltage (rated value)	24 V
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Output current (rated value)	10 A
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Power supply parallel switchable	-
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Protect type	short circuits (electr.) non-latching, overload, vacancy
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Ripple of output voltage (max.), BW=20 MHz	150 mV
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Efficiency typ.	87 %
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Power loss typ.	35 W
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Status information, alarms, diagnostics

Status display	yes
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Interrupts	no
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Process alarm	no
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Diagnostic interrupt	no
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Diagnostic functions	no
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Diagnostics information read-out	none
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Supply voltage display	none
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Group error display	none
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Channel error display	none
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Housing

Material	PPE
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Mounting	Rail System 300
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Mechanical data

Dimensions (WxHxD)	120 mm x 125 mm x 120 mm
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Net weight	1110 g
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Weight including accessories	-
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Gross weight	-
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Environmental conditions

Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C

Certifications

UL certification	-
KC certification	-
UKCA certification	yes
ChinaRoHS certification	yes