

**Data sheet**  
 PS 307 (307-1KA00)

## Technical data

<b>Order no.</b>	<b>307-1KA00</b>
Type	PS 307
<b>General information</b>	
Note	-
Features	AC 120...230 V DC 24 V 10 A 60/50 Hz switchable
SPEED-Bus	-
<b>Technical data power supply</b>	
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
$I^2t$	9 A <sup>2</sup> 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
<b>Status information, alarms, diagnostics</b>	
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
<b>Housing</b>	
Material	PPE
Mounting	Rail System 300
<b>Mechanical data</b>	
Dimensions (WxHxD)	120 mm x 125 mm x 120 mm
Net weight	1110 g

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