YASKAWA

Data sheet
PS 307 (307-1EA00)

Technical data

Order no.	307-1EA00
Type	PS 307
General information	
Note	-
Features	AC 120...230 V DC 24 V 5 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)	2.2 A
Input current (at 230 V)	1.3 A
Inrush current (at 25 °C)	45 A
I^2t	1.2 A^2s
Power consumption typ.	138 W
Output voltage (rated value)	24 V
Output current (rated value)	5 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.	18 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)	80 mm x 125 mm x 120 mm
Net weight	610 g
Weight including accessories	-
Gross weight	-

© by Yaskawa Europe GmbH, Philipp-Reis-Str. 6, 65795 Hattersheim, Germany
All data with reservation and subject to change.
Publish date: 07.08.2025

Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL certification	-
KC certification	yes

© by Yaskawa Europe GmbH, Philipp-Reis-Str. 6, 65795 Hattersheim, Germany
All data with reservation and subject to change.
Publish date: 07.08.2025