

Data sheet

PS 307 (307-1BA00)

Technical data

Order no.	307-1BA00
------------------	------------------

Type	PS 307
------	--------

General information

Note	-
------	---

Features	Output current 2.5 A Output voltage DC 24 V AC 100...240 V without manual switch
----------	----------------------------------------------------------------------------------------

SPEED-Bus	-
-----------	---

Technical data power supply

Input voltage (rated value)	AC 100...240 V
-----------------------------	----------------

Input voltage (permitted range)	AC 100...240 V
---------------------------------	----------------

Mains frequency (rated value)	50...60 Hz
-------------------------------	------------

Mains frequency (permitted range)	47...63 Hz
-----------------------------------	------------

Input current (at 120 V)	0.58 A
--------------------------	--------

Input current (at 230 V)	0.29 A
--------------------------	--------

Inrush current (at 25 °C)	30 A
---------------------------	------

I _{Δt}	1 A ² s
-----------------	--------------------

Power consumption typ.	67 W
------------------------	------

Output voltage (rated value)	24 V
------------------------------	------

Output current (rated value)	2.5 A
------------------------------	-------

Power supply parallel switchable	-
----------------------------------	---

Protect type	short circuits, overload, vacancy, over temperature (IP20)
--------------	------------------------------------------------------------

Ripple of output voltage (max.), BW=20 MHz	150 mV
--------------------------------------------	--------

Efficiency typ.	90 %
-----------------	------

Power loss typ.	6 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)	40 mm x 125 mm x 120 mm
--------------------	-------------------------

Weight	310 g
--------	-------

Environmental conditions

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

Certifications

UL certification	-
KC certification	-
