

product type designation



Power Supply PS791-2DC

Power Supply PS 791-2DC, DC/DC power supply unit, 10 W, IP65 (-40...+70 °C), Input: 12 ... 24 V DC, Output: 18 V DC, can only be used in connection with SCALANCE W786; scope of delivery: operating instructions, German/English.

type of current supply

10 W, input: 12-24 V DC, output: 18 V DC

electrical data / input

supply voltage / 1 / rated value

- supply voltage / 1 / rated value
- type of voltage / 1 / of the supply voltage

12 V
9 ... 32 V
DC, safety extra-low voltage (SELV)

supply voltage / 2 / rated value

- supply voltage / 2 / rated value
- type of voltage / 2 / of the supply voltage

24 V
9 ... 32 V
DC, safety extra-low voltage (SELV)

buffering time / for rated value of the output current / in the event of power failure / minimum

14,4

electrical data / output

output voltage / at DC / rated value

18 V

supplied active power / typical

14.4 W

electrical data / safety

operating resource protection class

VDE 0805, VDE 0100

interfaces

type of electrical connection

- at input
- at output

4-pole screw-type terminal for DC power
4 pin connector

design, dimensions and weights

width

133 mm

height

45 mm

depth

30 mm

net weight

0.223 kg

ambient conditions

ambient temperature

- during operation

-40 ... +70 °C

protection class IP

IP65

standards, specifications, approvals

standard

- for safety / from CSA and UL

EN 60950, UL 60950-1

standards, specifications, approvals / hazardous environments

certificate of suitability / CCC / for hazardous zone according to GB standard

Yes

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall

<http://www.siemens.com/snst>
<http://www.siemens.com/simatic-net>
<https://mall.industry.siemens.com>

- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

last modified:

5/5/2021 