# **SIEMENS**

### **Data sheet**

## 6GK5791-1PS00-0AA6

#### product type designation



#### **Power Supply PS791-1PRO**

Power Supply PS 791-1PRO, AC/DC power supply unit, 10 W, IP65 (-20 ...+50 °C), input: 90 ... 265 V AC, output: 24 V DC, metal enclosure; scope of delivery: AC power 3+PE cable connector, DC power cord M12 for direct connection to SCALANCE W-700 PRO and SCALANCE X-200 PRO, mounting hardware, operating instructions German/English.

type of current supply	10 W, input: 90-265 V, output:24 V DC
electrical data / input	
supply voltage / at AC	90 265 V
buffering time / for rated value of the output current / in the event of power failure / minimum	20 ms; at full load, 25°C
line frequency	47 63 Hz
electrical data / output	
output voltage / at DC / rated value	24 V
relative symmetrical tolerance / of the output voltage	7 %
output current	
• rated value	0.42 A
supplied active power / typical	10 W
electrical data / closed-loop control	
switching frequency	100 kHz
interfaces	
type of electrical connection	
• at input	AC power 3+PE cable connector for AC 100-240 V supply
• at output	M12 plug PRO or power cord M12 for DC 24 V output voltage
operator element version	On/Off switch
design, dimensions and weights	
width	125 mm
height	60 mm
depth	130 mm
net weight	0.7 kg
ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-20 +60 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
protection class IP	IP65
standards, specifications, approvals	
standard	
for safety / from CSA and UL	EN 60950
Marine classification association	
<ul> <li>French marine classification society (BV)</li> </ul>	Yes
MTBF	68.4 y; at full load, 25°C
reference temperature	25 °C
percental operating load	100 %

#### further information / internet-Links

#### Internet-Link

last modified:

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Image database

to website: CAx-Download-Managerto website: Industry Online Support

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

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