SIEMENS

Data sheet 6GK5791-1PS00-0AA6

product type designation	**Power Supply PS791-1PRO**
	- - spare part - - 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.



product brand name	SCALANCE
type of current supply	10 W, input: 90-265 V, output:24 V DC
electrical data / input	
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	
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	
● during operation	-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	
● French marine classification society (BV)	Yes
MTBF	68.4 a; at full load, 25°C
● reference temperature	25 °C
● percental operating load	100 %

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further information / internet links

internet link	
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

Approvals / Certificates

General Product Approval

Declaration of Conformity | China RoHS | Manufacturer Declaration

General Product Approval			EMV	Radio Equipment Type Approval Certificate	Test Certificates
		China RoHS		Miscellaneous	Type Test Certificates/Test Report

Test Certificates	Maritime application				
inspection certificate					NK / Nippon Kaiji Kyokai

Maritime application

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