

Product type designation

Power Supply PS791-1PRO

POWER SUPPLY PS 791-1PRO (AC/DC POWER UNIT), 10 W, IP65 (-20 ... + 50 DGR C), INPUT: 90-265 V AC, OUTPUT: 24 V DC, METAL HOUSING, INCL.: AC POWER 3+PE CABLE CONNECTOR, DC POWER CORD M12 FOR DIRECT CONNECT. TO SCALANCE W-700PRO UND X-200PRO, MOUNTING ACCESSORIES, OPERATING INSTRUCTIONS GER/EN.



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 / at rated 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

<ul style="list-style-type: none"> • at output 	M12 plug PRO or power cord M12 for DC 24 V output voltage
Operator element version	On/Off switch

Design, dimensions and weight

Width	125 mm
Height	60 mm
Depth	130 mm
Net weight	0.7 kg

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-20 ... +60 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +85 °C
Protection class IP	IP65

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> • for safety / from CSA and UL 	EN 60950
MTBF	68.4 y; at full load, 25°C

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> • to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> • to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> • to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> • to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> • to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> • to website: Industry Online Support 	https://support.industry.siemens.com

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