

Product type designation

Power Supply PS791-2DC

Power-Supply PS 791-2DC, DC/DC power supply 10 W, IP65 - 40...+70° C, Input: DC 12...24V, Output: DC 18 V, usable only in combination with SCALANCE W-786; scope of supply: manual, 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	12 V
• Supply voltage / 1 / rated value	9 ... 32 V
• Type of voltage / 1 / of the supply voltage	DC, safety extra-low voltage (SELV)
Supply voltage / 2 / Rated value	24 V
• Supply voltage / 2 / rated value	9 ... 32 V
• Type of voltage / 2 / of the supply voltage	DC, safety extra-low voltage (SELV)
Buffering time / at rated 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 weight

Width	133 mm
Height	45 mm
Depth	30 mm
Net weight	0.223 kg

Permitted 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

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to 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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