SIEMENS

Data sheet 6GK5791-2DC00-0AA0

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	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 / 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	

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• at input	4-pole screw-type terminal for DC power
• at output	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

further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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