

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	
• 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
standards, specifications, approvals / hazardous environments	
certificate of suitability / CCC / for hazardous zone according to GB standard	Yes; GB3836.1, GB3836.8
• as marking	Ex nA IIC T4 Gc
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
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<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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