SIEMENS

Data sheet   **6GK5791-2DC00-0AA0**

product type designation	Power Supply PS791-2DC
	- - spare part - - 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
Technical Product Detail Page	https://i.siemens.com/1P6GK5791-2DC00-0AA0
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	
● 1 / 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
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
standards, specifications, approvals / hazardous environments	
certificate of suitability / CCC / for hazardous zone according to GB standard	Yes; GB3836.1, GB3836.8
certificate of suitability / CCC / for hazardous zone according to	Ex nA IIC T4 Gc

GB standard / as marking	

security information

security information

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Approvals / Certificates

General Product Approval

CE EG-Konf. | Declaration of Conformity | CCC | EAC | China RoHS | UKCA

General Product Approval		**EMV**	**For use in hazardous locations**		
UL	RCM	KC	ATEX (Ex)	IECEx	FM

For use in hazardous locations	**Radio Equipment Type Approval Certificate**	**Test Certificates**	**Maritime application**		
CCC-Ex	Miscellaneous	inspection certificate	BUREAU VERITAS	DNV	Lloyd's Register LRS

Maritime application

RINA | RMRS

last modified: 11/11/2025