SIEMENS

Data sheet 6EP1935-5PG01-8AA0



SITOP UPS501S/5KWS/Expansion Module/EX

SITOP UPS501S EX expansion module 5 kWs for UPS500S (2.5 kWs, 5 kWs) degree of protection IP20

General information	
Technical Product Detail Page	https://i.siemens.com/1P6EP1935-5PG01-8AA0
product brand name	SITOP
product type designation	UPS501
type of current supply	Extension module
input	
voltage curve at input	DC
memory	
type of energy storage	with capacitors
product function DC-UPS modularly expandable	No
energy content of energy storage	5 kW.s
protection and monitoring	
display version	
● for normal operation	-
interfaces	
product component PC interface	No
product function communication function	No
design of the interface	without
safety	
operating resource protection class	Class III
protection class IP	IP20
standards, specifications, approvals	
certificate of suitability	
● CE marking	Yes
● UL approval	Yes
● UKCA marking	Yes
MTBF at 40 °C	350 000 h
standards, specifications, approvals hazardous environments	
certificate of suitability	
● IECEx	Yes
● ATEX	Yes; ATEX (Ex) II 3G Ex ec IIC T4 Gc
● CCC for hazardous zone according to GB standard	Yes
standards, specifications, approvals marine classification	
shipbuilding approval	No
Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	No
● Det Norske Veritas (DNV)	No; in preparation
standards, specifications, approvals Environmental Product Declaration	

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Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	20.2 kg
● during manufacturing	11.1 kg
● during operation	8.7 kg
● after end of life	0.21 kg
ambient conditions	
ambient temperature	
● during operation	0 ... 60 °C; with natural convection
● during transport	-40 ... +70 °C
● during storage	-40 ... +70 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
connection method	
type of electrical connection	screw terminal
● at output	can be connected to SITOP UPS500S via a plug-in system
mechanical data	
width × height × depth of the enclosure	70 × 125 × 125 mm
installation width × mounting height	70 mm × 225 mm
required spacing	
● top	50 mm
● bottom	50 mm
● left	0 mm
● right	0 mm
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
● DIN-rail mounting	Yes
● S7 rail mounting	No
● wall mounting	No
housing can be lined up	Yes
net weight	0.7 kg
further information internet links	
internet link	
● to website: Industry Mall	https://mall.industry.siemens.com
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: power supplies	https://siemens.com/sitop
● to website: CAx-Download-Manager	https://siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
additional information	
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Classifications

	Version	Classification
eClass	16	27-04-07-05
eClass	14	27-04-07-05

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eClass	12	27-04-07-05
eClass	9.1	27-04-07-05
eClass	9	27-04-07-05
eClass	8	27-04-06-90
eClass	7.1	27-04-06-90
eClass	6	27-04-06-90
ETIM	10	EC000382
ETIM	9	EC000382
ETIM	8	EC000382
ETIM	7	EC000382

Approvals Certificates

General Product Approval

Manufacturer Declaration | China RoHS | EG-Konf. | Declaration of Conformity

For use in hazardous locations

IECEx | Miscellaneous

For use in hazardous locations

ATEX | CCC-Ex | UL

Maritime application

DNV

Environment

EPD

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