



SITOP UPS501S/5KWS/Expansion Module/EX

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

General information	
Technical Product Detail Page	https://i.siemens.com/1P6EP1935-5PG01-8AA0
memory	
type of energy storage	with capacitors
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	
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 - during transport - during storage		0 ... 60 °C; with natural convection -40 ... +70 °C -40 ... +70 °C	
environmental category according to IEC 60721		Climate class 3K3, 5 ... 95% no condensation	
connection method			
type of electrical connection at output		screw terminal 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 - bottom - left - right		50 mm 50 mm 0 mm 0 mm	
fastening method - DIN-rail mounting - S7 rail mounting - wall mounting		Snaps onto DIN rail EN 60715 35x7.5/15 Yes No No	
housing can be lined up		Yes	
net weight		0.7 kg	
further information internet links			
internet link - to website: Industry Mall - to web page: selection aid TIA Selection Tool - to web page: power supplies - to website: CAX-Download-Manager - to website: Industry Online Support		https://mall.industry.siemens.com https://www.siemens.com/tstcloud https://siemens.com/sitop https://siemens.com/cax 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	14	27-04-07-05
	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	For use in hazardous locations
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[Manufacturer Declaration](#)

[China RoHS](#)


EG-Konf.


IECEX

[Miscellaneous](#)


ATEX

For use in hazardous locations	Maritime application	Environment
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[CCC-Ex](#)


UL


DNV



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