



SITOP UPS501S/5KWS/Expansion Module

SITOP UPS501S Expansion module 5 kW for UPS500S (2.5 kW, 5 kW) degree of protection IP20 *Ex approval no longer available*

input	
input voltage	DC
memory	
type of energy storage	with capacitors
energy content of energy storage	5 kW.s
protection and monitoring	
display version	-
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> CE marking 	Yes
<ul style="list-style-type: none"> UL approval 	Yes
<ul style="list-style-type: none"> EAC approval 	Yes
MTBF at 40 °C	350 000 h
standards, specifications, approvals marine classification	
shipbuilding approval	Yes
Marine classification association	
<ul style="list-style-type: none"> American Bureau of Shipping Europe Ltd. (ABS) 	Yes
<ul style="list-style-type: none"> Det Norske Veritas (DNV) 	Yes
standards, specifications, approvals Environmental Product Declaration	
Environmental Product Declaration	Yes
Global Warming Potential [CO2 eq]	
<ul style="list-style-type: none"> total 	33 kg
<ul style="list-style-type: none"> during manufacturing 	32.5 kg
<ul style="list-style-type: none"> during operation 	0 kg
<ul style="list-style-type: none"> after end of life 	0.52 kg
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation 	0 ... 60 °C; with natural convection
<ul style="list-style-type: none"> during transport 	-40 ... +70 °C
<ul style="list-style-type: none"> during storage 	-40 ... +70 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
mechanical data	

type of electrical connection • at output	screw-type terminals can be connected to SITOP UPS500S via a plug-in system																																				
design, dimensions and weights																																					
width × height × depth of the enclosure	70 × 125 × 125 mm																																				
installation width × mounting height	70 × 225 mm																																				
required spacing • top • bottom • left • right	50 mm 50 mm 0 mm 0 mm																																				
fastening method • standard 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 website: Industrial communication • to website: CAx-Download-Manager • to website: Industry Online Support	https://mall.industry.siemens.com https://siemens.com/tst http://www.siemens.com/simatic-net http://www.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 security 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 security 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 security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity . 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 Security RSS Feed under https://www.siemens.com/cert . (V4.6)																																				
Classifications																																					
	<table border="1"> <thead> <tr> <th></th> <th>Version</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td>eClass</td> <td>12</td> <td>27-04-07-05</td> </tr> <tr> <td>eClass</td> <td>9.1</td> <td>27-04-07-05</td> </tr> <tr> <td>eClass</td> <td>9</td> <td>27-04-07-05</td> </tr> <tr> <td>eClass</td> <td>8</td> <td>27-04-06-90</td> </tr> <tr> <td>eClass</td> <td>7.1</td> <td>27-04-06-90</td> </tr> <tr> <td>eClass</td> <td>6</td> <td>27-04-06-90</td> </tr> <tr> <td>ETIM</td> <td>9</td> <td>EC000382</td> </tr> <tr> <td>ETIM</td> <td>8</td> <td>EC000382</td> </tr> <tr> <td>ETIM</td> <td>7</td> <td>EC000382</td> </tr> <tr> <td>IDEA</td> <td>4</td> <td>4149</td> </tr> <tr> <td>UNSPSC</td> <td>15</td> <td>39-12-10-11</td> </tr> </tbody> </table>		Version	Classification	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	9	EC000382	ETIM	8	EC000382	ETIM	7	EC000382	IDEA	4	4149	UNSPSC	15	39-12-10-11
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[Manufacturer Declaration](#)

[Declaration of Conformity](#)



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last modified:

12/5/2023