



SITOP BUFFER MODULE  
 SITOP PSE201U BUFFER MODULE BUFFERING TIME 100 MS  
 TILL 10 S DEPENDENT UPON LOAD

Input	
Supply voltage for DC Rated value	24 V
Voltage curve at input	DC
input voltage range	24 ... 28.8 V DC
Output	
Formula for output voltage	$V_{in} - \text{approx. } 1 \text{ V}$
Output current Rated value	40 A
Signaling	
Display version	
<ul style="list-style-type: none"> <li>for normal operation</li> </ul>	Green LED for "supply voltage > 20.5 V"
Interface	
Product component PC interface	No
Design of the interface	without
Safety	
Galvanic isolation between entrance and outlet	Yes
Operating resource protection class	Class I
Certificate of suitability	
<ul style="list-style-type: none"> <li>CE marking</li> </ul>	Yes
<ul style="list-style-type: none"> <li>UL approval</li> </ul>	Yes
<ul style="list-style-type: none"> <li>as approval for USA</li> </ul>	UL-Listed (UL 508), File E197259, CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
<ul style="list-style-type: none"> <li>relating to ATEX</li> </ul>	ATEX (EX) II 3G Ex nA nC IIC T4 Gc; cCSAus (CSA C22.2 No. 213, ANSI/ISA-12.12.01) Class I, Div. 2, Group ABCD, T4
<ul style="list-style-type: none"> <li>C-Tick</li> </ul>	No

Shipbuilding approval	GL, ABS
Protection class IP	IP20

## EMC

Standard	
<ul style="list-style-type: none"> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	EN 55022 Class B EN 61000-6-2

## Operating data

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during transport</li> <li>• during storage</li> </ul>	0 ... 60 °C -40 ... +85 °C -40 ... +85 °C

## Mechanics

Type of electrical connection	screw-type terminals
<ul style="list-style-type: none"> <li>• at input</li> <li>• at output</li> <li>• for control circuit and status message</li> </ul>	+: 1 screw terminal for 0.5 ... 10 mm <sup>2</sup> -: 1 screw terminal for 0.5 ... 10 mm <sup>2</sup> -
Width of the enclosure	70 mm
Height of the enclosure	125 mm
Depth of the enclosure	125 mm
Required spacing	
<ul style="list-style-type: none"> <li>• top</li> <li>• bottom</li> <li>• left</li> <li>• right</li> </ul>	50 mm 50 mm 0 mm 0 mm
Net weight	1.2 kg
Product property of the enclosure housing for side-by-side mounting	Yes
Mounting type	Snaps onto DIN rail EN 60715 35x7.5/15
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)