



SITOP BUF8600 100MS/40A  
SITOP BUF8600 100MS BUFFER MODULE FOR PSU8600  
BUFFER CAPACITY 100 MS/40 A

Mains buffering	
Type of energy storage	electrolytic capacitors
Output	
Output current Rated value	40 A
Signaling	
Display version	
<ul style="list-style-type: none"> <li>• for normal operation</li> <li>• in buffering mode</li> </ul>	LED green for "buffer standby exist" LED yellow for "buffered mode"
Interface	
Design of the interface	Ethernet/PROFINET
Safety	
Operating resource protection class	Class I
Certificate of suitability	
<ul style="list-style-type: none"> <li>• CE marking</li> <li>• UL approval</li> <li>• as approval for USA</li> <li>• relating to ATEX</li> <li>• C-Tick</li> </ul>	Yes Yes cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259 - No
Type of certification CB-certificate	Yes
Shipbuilding approval	-
Protection class IP	IP20
EMC	
Standard	

- for emitted interference
- for interference immunity

EN 55022 Class B

EN 61000-6-2

### Operating data

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +60 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +85 °C

### Mechanics

Type of connection to system components	Via integrated connector
Width of the enclosure	60 mm
Height of the enclosure	125 mm
Depth of the enclosure	150 mm
Required spacing	
<ul style="list-style-type: none"> <li>• top</li> </ul>	50 mm
<ul style="list-style-type: none"> <li>• bottom</li> </ul>	50 mm
<ul style="list-style-type: none"> <li>• left</li> </ul>	0 mm
<ul style="list-style-type: none"> <li>• right</li> </ul>	0 mm
Net weight	1.33 kg
Product property of the enclosure housing for side-by-side mounting	Yes
Mounting type	Snaps onto DIN rail EN 60715 35x15
Mechanical accessories	Device identification label 20 mm × 7 mm, TI-grey 3RT2900-1SB20
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)