



SITOP BUF1200/300MS/40A

SITOP BUF1200 buffer module
 Buffer time 300 ms at 40 A Buffer
 t. depends on load current DC
 input 24 V

Input	
supply voltage at DC rated value	24 V
voltage curve at input	DC
input voltage range	20 ... 30 V DC
Output	
output current	40 A
• rated value	
Signaling	
display version	LED green for "buffer standby exist"
• for normal operation	
Interface	
product component PC interface	No
design of the interface	without
Safety	
galvanic isolation between input and output	Yes
operating resource protection class	Class III
certificate of suitability	Yes UL-Listed (UL 508), CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1) IECEx Ex nA IIC T4 Gc; ATEX (EX) II 3G Ex nA IIC T4 Gc; cCSAus (CSA C22.2 No. 213, ANSI/ISA-12.12.01) Class I, Div. 2, Group ABCD, T4 No
• CE marking	
• as approval for USA	
• relating to ATEX	
• C-Tick	No
shipbuilding approval	DNV GL and ABS in process
protection class IP	IP20
EMC	
standard	EN 61000-6-2
• for interference immunity	
environmental conditions	
ambient temperature	-25 ... +70 °C; with natural convection -40 ... +85 °C -40 ... +85 °C
• during operation	
• during transport	
• during storage	
environmental category acc. to IEC 60721	Climate class 3K3, 5 ... 95% no condensation

Mechanics

type of electrical connection	Push-in terminals
• at input	+: PushIn for 0.75 ... 16 mm ²
• at output	-: PushIn for 0.5 ... 6 mm ²
width of the enclosure	70 mm
height of the enclosure	135 mm
depth of the enclosure	155 mm
required spacing	
• top	45 mm
• bottom	45 mm
• left	0 mm
• right	0 mm
net weight	1.2 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
reference code acc. to IEC 81346-2	T
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

