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Data sheet 6EP4231-7HC00-0AX0



SITOP BUF1200/300MS/40A/EX

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

Input	
supply voltage at DC rated value	24 V
input voltage	DC 24 ... 30 V
Output	
output current	
● rated value	40 A
Signaling	
display version	
● for normal operation	LED green for "buffer standby exist"
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
protection class IP	IP20
Approvals	
certificate of suitability	
● CE marking	Yes
● UL approval	No
● CSA approval	No
● cCSAus, Class 1, Division 2	No
● ATEX	Yes
certificate of suitability	
● IECEx	Yes
certificate of suitability	
● shipbuilding approval	No
shipbuilding approval	available soon
Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	No
● DNV GL	No
EMC	
standard	
● for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
● during operation	-25 ... +70 °C; with natural convection
● during transport	-40 ... +85 °C
● during storage	-40 ... +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 … 95% no condensation

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Mechanics	
type of electrical connection	push-in terminals
● at input	+: push-in for 0.75 ... 16 mm²
● at output	-: push-in for 0.5 ... 6 mm²
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 according to IEC 81346-2	RB
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)



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