MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6EP1961-3BA01

SITOP PSE201U 40 A BUFFER MODULE

Used with the applicable SITOP PSE201U configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6EP1961-3BA01

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Data sheet 6EP1961-3BA01



SITOP PSE201U/Buffer module/10S

SITOP PSE201U buffer module buffer time 100 ms to 10 s depending on load current

input	
supply voltage at DC rated value	24 V
input voltage at DC	24 ... 28.8 V
memory	
design of the mains power cut bridging-connection	Backup time: with 40 A load current: 200 ms; with 20 A load current: 400 ms; with 10 A load current: 800 ms; with 5 A load current: 1.6 s. Reduces the backup time by 100 ms in combination with 6EP1 437-3BA10. Maximum backup time 100 ms in combination with 6EP1 336-2BA10 (load current 20 A).
buffering time in the event of power failure	0.16 min
output	
formula for output voltage	Vin - approx. 1 V
output current	
● rated value	40 A
protection and monitoring	
display version	
● for normal operation	Green LED for "supply voltage > 20.5 V"
interfaces	
product component PC interface	No
product function communication function	No
design of the interface	without
safety	
galvanic isolation between input and output	Yes
operating resource protection class	Class III
protection class IP	IP20
standard	
● for emitted interference	EN 55022 Class B
● for interference immunity	EN 61000-6-2
standards, specifications, approvals	
certificate of suitability	
● CE marking	Yes
● UL approval	Yes; UL-Listed (UL 508), File E197259; CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
● EAC approval	Yes
● SEMI F47	Yes
MTBF at 40 °C	2 538 071 h
standards, specifications, approvals hazardous environments	
certificate of suitability	
● ATEX	No
● cCSAus, Class 1, Division 2	No
standards, specifications, approvals marine classification	
shipbuilding approval	Yes

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