Data sheet

6ES7193-6BP00-0DU0



SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2D, BU-TYPE U0, Packaging Unit: 1 Pieces, Push-in terminals, w/o AUX-terminals, new potential group, WxH: 20mm x 117mm

General information	
Product type designation	BU type U0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
For P1 and P2 bus	120 V
 For AUX bus 	120 V; Equal potential group to P1/P2 bus or PE
for process terminals	120 V
Rated value (AC)	See manual
 For P1 and P2 bus 	277 V
 For AUX bus 	277 V; Equal potential group to P1/P2 bus or PE
for process terminals	277 V
external protection for power supply lines	Yes
Mains filter	
• integrated	No
Current carrying capacity	
up to 60 °C, max.	10 A
For P1 and P2 bus, max.	10 A
For AUX bus, max.	10 A
For process terminals, max.	10 A; Point of contact, derating depends on the module
Hardware configuration	
Automatic encoding	Yes
Formation of potential groups	
 New potential group 	Yes
Potential group continued from the left	No
Slots	
 Number of slots 	1
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes; Not applicable for process terminals 15 and 16
between power bus and supply voltage	No
Isolation	
Isolation tested with	3 100 V DC
Ambient conditions	
Ambient temperature during operation	
horizontal installation, min.	-30 °C
 horizontal installation, max. 	60 °C
 vertical installation, min. 	-30 °C
 vertical installation, max. 	50 °C

Altitude during operation relating to sea level		
 Installation altitude above sea level, max. 	3 000 m	
connection method / header		
Terminals		
Terminal type	Push-in terminal	
 Conductor cross-section, min. 	0.14 mm ² ; 0.2 mm ² without wire end ferrule	
 Conductor cross-section, max. 	2.5 mm ² ; 1.5 mm ² with wire end ferrule	
 Number of process terminals to I/O module 	16	
 Number of terminals to AUX bus 	0	
 Number of add-on terminals 	0	
 Number of terminals with connection to P1 and P2 bus 	2	
Dimensions		
Width	20 mm	
Height	117 mm	
Depth	35 mm	
Weights		
Weight, approx.	50 g	
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