SIEMENS

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
Standards, approvals, certificates	
Ecological footprint	
● environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	0.873 kg
— global warming potential, (during production) [CO2 eq]	0.866 kg

— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0011 kg

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

Terminals

● Terminal type	Push-in terminal
● system-integrated shield connection	Yes; Optional
● Conductor cross-section, min.	0.14 mm²; 0.2 mm² without wire end ferrule
● Conductor cross-section, max.	2.5 mm²; 1.5 mm² 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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