

## Data sheet

## 6ES7193-6BP20-0DA0



SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2D, BU type A0, Push-in terminals, with 10 AUX terminals, New load group, WxH: 15 mmx141 mm

General information	
Product type designation	BU type A0
HW functional status	From FS07
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For AUX bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Formation of potential groups	
• New potential group	Yes
• Potential group continued from the left	No
Slots	
• Number of slots	1; Type A0
Potential separation	
between the potential groups	Yes
Isolation	
Isolation tested with	707 V DC (type test)
Standards, approvals, certificates	
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	1.09 kg
— global warming potential, (during production) [CO2 eq]	1.08 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0045 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.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Accessories	

Color coding labels	
• for process terminals	CC00 to CC09
• for AUX terminals	CC71 to CC73
• for add-on terminals	does not exist

**connection method**

Terminals	
• Terminal type	Push-in terminal
• system-integrated shield connection	Yes; Optional
• Conductor cross-section, min.	0.14 mm <sup>2</sup> ; AWG 26
• Conductor cross-section, max.	2.5 mm <sup>2</sup> ; AWG 14
• Number of process terminals to I/O module	16
• Number of terminals to AUX bus	10
• Number of add-on terminals	0
• Number of terminals with connection to P1 and P2 bus	2

**Dimensions**

Width	15 mm
Height	141 mm
Depth	35 mm

**Weights**

Weight, approx.	50 g
-----------------	------

**Classifications**

	Version	Classification
eClass	14	27-24-26-03
eClass	12	27-24-26-03
eClass	9.1	27-24-26-03
eClass	9	27-24-26-03
eClass	8	27-24-26-03
eClass	7.1	27-24-26-03
eClass	6	27-24-26-03
ETIM	10	EC001598
ETIM	9	EC001598
ETIM	8	EC001598
ETIM	7	EC001598
IDEA	4	3560
UNSPSC	15	32-15-17-04

**Approvals / Certificates**

**General Product Approval**



[Manufacturer Declaration](#)



[KC](#)



**For use in hazardous locations**



[FM](#)

[CCC-Ex](#)



IECEX

[Miscellaneous](#)

**For use in hazardous locations** | **Maritime application**

[Type Examination Certificate](#)



ABS



BUREAU VERITAS



DNV



LRS

[NK / Nippon Kaiji Kyokai](#)

Maritime application



[CCS \(China Classification Society\)](#)



Siemens EcoTech



last modified:

10/23/2025

# TURLL

YOUR GLOBAL AUTOMATION PARTNER

## 6ES7193-6BP20-0DA0-BASE-UNIT

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

sales@turl.com | +852 6339 7344