



*** spare part *** SIMATIC ET 200SP, BaseUnit BU20-P12+A0+0B, BU type D0, push-in terminals, without AUX terminals, bridged to the left, WxH: 20 mm x 117 mm

General information	
Product type designation	BU type D0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
<ul style="list-style-type: none"> For P1 and P2 bus For AUX bus 	120 V 120 V; Equal potential group to P1/P2 bus or PE
Rated value (AC)	See manual
<ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals 	277 V 277 V; Equal potential group to P1/P2 bus or PE 277 V; 480 V (L1 - L2 - L3); 277 V (L, N)
Mains filter	
<ul style="list-style-type: none"> integrated 	Yes; Between N and FE
Current carrying capacity	
up to 60 °C, max.	5 A
For P1 and P2 bus, max.	10 A
For AUX bus, max.	10 A
For process terminals, max.	5 A
Hardware configuration	
Automatic encoding	Yes
Formation of potential groups	
<ul style="list-style-type: none"> New potential group Potential group continued from the left 	No Yes
Slots	
<ul style="list-style-type: none"> Number of slots 	1; Type D0
Potential separation	
between backplane bus and supply voltage	Yes
between power bus and supply voltage	Yes
Isolation	
Isolation tested with	3 100 V DC
Standards, approvals, certificates	
Ecological footprint	
<ul style="list-style-type: none"> 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. 2 000 m; On request: Installation altitudes greater than 2 000 m

Accessories

Color coding labels

- for process terminals does not exist
- for AUX terminals does not exist
- for add-on terminals does not exist

Connection method

Terminals

- Terminal type Push-in terminal
- system-integrated shield connection No
- Conductor cross-section, min. 0.14 mm²; AWG 26
- Conductor cross-section, max. 2.5 mm²; AWG 14
- Number of process terminals to I/O module 12; Pro slot
- Number of terminals to AUX bus 0
- Number of add-on terminals 0
- Number of terminals with connection to P1 and P2 bus 0; Pro slot

Dimensions

Width	20 mm
Height	117 mm
Depth	35 mm

Weights

Weight, approx.	47 g
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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](#)



General Product Approval

For use in hazardous locations

Maritime application



EM



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment

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

[KR \(Korean Register of Shipping\)](#)



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