



SIMATIC ET 200SP, Potential distributor module, PotDis-BaseUnit, PotDis-BU Typ P1, dark-colored, 17 x P1-potential, 1 x P2-potential, Push-In terminals. P1-, P2- and AUX-rail bridged to left BU, Packaging Unit: 1 Piece, WxH: 15mm x 117mm

General information	
Product type designation	PotDis BU type P1, dark version
HW functional status	FS10 and higher
Color code for module-specific color-coded label	CC62
Supply voltage	
Rated value (DC)	
• For P1 and P2 bus	48 V; max.
• for process terminals	48 V; max.
external protection for power supply lines	Yes; 10 A miniature circuit breaker with type B or C tripping characteristic for the respective rated supply voltage
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	10 A
Hardware configuration	
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes
Slots	
• Number of slots	1
Potential separation	
between backplane bus and supply voltage	Yes
Isolation	
Isolation tested with	3 250 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.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Absolute humidity	
• dew point, min.	-60 °C; suitable for dry room applications
<b>Accessories</b>	
Color coding labels	
• for process terminals	CC62
<b>Connection method</b>	
Terminals	
• Terminal type	Push-in terminal
• Conductor cross-section, min.	0.14 mm <sup>2</sup>
• Conductor cross-section, max.	2.5 mm <sup>2</sup>
• Number of terminals with connection to P1 and P2 bus	17 terminals to P1, 1 terminal to P2
<b>Dimensions</b>	
Width	15 mm
Height	117 mm
Depth	35 mm
<b>Weights</b>	
Weight, approx.	40 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](#)



**General Product Approval**      **For use in hazardous locations**



[CCC-Ex](#)

[FM](#)



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



[Miscellaneous](#)

[Type Examination Certificate](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Ky-  
okai](#)



[CCS \(China Classifica-  
tion Society\)](#)

Maritime application

Environment

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



last modified:

2/1/2026