



SIMATIC ET 200SP, Potential distributor module, PotDis-BaseUnit PotDis-BU Typ P2, dark-colored, 1 x P1-potential, 17 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 P2, dark version
HW functional status	FS10 and higher
Color code for module-specific color-coded label	CC63
Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> <li>For P1 and P2 bus</li> <li>for process terminals</li> </ul>	48 V; max. 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	
<ul style="list-style-type: none"> <li>New potential group</li> <li>Potential group continued from the left</li> </ul>	No Yes
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	1
Potential separation	
between backplane bus and supply voltage	Yes
Isolation	
Isolation tested with	3 250 V DC
Standards, approvals, certificates	
Ecological footprint	
<ul style="list-style-type: none"> <li>environmental product declaration</li> </ul>	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	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-30 °C 60 °C -30 °C 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

**Accessories**

Color coding labels	
• for process terminals	CC63

**Connection method**

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	18; 17 terminals to P2, 1 terminal to P1

**Dimensions**

Width	15 mm
Height	117 mm
Depth	35 mm

**Weights**

Weight, approx.	40 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**



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



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