



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

General information	
Product type designation	PotDis BU type P2, light version, PU 1
HW functional status	FS10 and higher
Color code for module-specific color identification plate	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.
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
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	
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Accessories	
Color coding labels	
<ul style="list-style-type: none"> <li>for process terminals</li> </ul>	CC63
connection method	
Terminals	
<ul style="list-style-type: none"> <li>Terminal type</li> <li>Conductor cross-section, min.</li> <li>Conductor cross-section, max.</li> <li>Number of terminals with connection to P1 and P2 bus</li> </ul>	Push-in terminal 0.14 mm <sup>2</sup> 2.5 mm <sup>2</sup> 18; 17 terminals to P2, 1 terminal to P1

Dimensions	
Width	15 mm
Height	117 mm
Depth	35 mm

Weights	
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	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](#)



[Miscellaneous](#)

#### Marine / Shipping



[NK / Nippon Kaiji Kyokai](#)



#### Marine / Shipping



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



last modified:

5/22/2024