



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																																										
Accessories																																											
Color coding labels																																											
for process terminals	CC62																																										
Connection method																																											
Terminals																																											
- Terminal type - Conductor cross-section, min. - Conductor cross-section, max. - Number of terminals with connection to P1 and P2 bus	Push-in terminal 0.14 mm² 2.5 mm² 17 terminals to P1, 1 terminal to P2																																										
Dimensions																																											
Width	15 mm																																										
Height	117 mm																																										
Depth	35 mm																																										
Weights																																											
Weight, approx.	40 g																																										
Classifications																																											
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[CCS \(China Classification Society\)](#)



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