



SIMATIC ET 200SP, Potential distributor module, PotDis terminal block, PotDis-TB-P1-R, 18 x potential P1, Push-In terminals Packaging Unit: 1 Piece,

General information	
Product type designation	PotDis-TB-P1-R
HW functional status	FS10 and higher
Color code for module-specific color-coded label	CC12
Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> For P1 and P2 bus for process terminals 	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	
up to 60 °C, max.	10 A
For P1 and P2 bus, max.	10 A
For process terminals, max.	10 A
Standards, approvals, certificates	
Ecological footprint	
<ul style="list-style-type: none"> environmental product declaration 	Yes
Global warming potential	
<ul style="list-style-type: none"> — global warming potential, (total) [CO2 eq] — global warming potential, (during production) [CO2 eq] — global warming potential, (during operation) [CO2 eq] — global warming potential, (after end of life cycle) [CO2 eq] 	0.873 kg 0.866 kg 0 kg -0.0011 kg
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> horizontal installation, min. horizontal installation, max. vertical installation, min. vertical installation, max. 	-30 °C 60 °C -30 °C 50 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> Installation altitude above sea level, max. 	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Absolute humidity	
<ul style="list-style-type: none"> dew point, min. 	-60 °C; suitable for dry room applications
Accessories	
Color coding labels	
<ul style="list-style-type: none"> for process terminals 	CC10, CC12
Connection method	
Terminals	

- Terminal type
- Conductor cross-section, min.
- Conductor cross-section, max.
- Number of process terminals to I/O module
- Number of terminals to AUX bus
- Number of add-on terminals
- Number of terminals with connection to P1 and P2 bus

Push-in terminal
 0.14 mm²; 0.2 mm² without wire end ferrule
 2.5 mm²; 1.5 mm² with wire end ferrule
 16
 0
 0
 2

Dimensions

Width	15 mm
Height	74 mm
Depth	34 mm

Weights

Weight, approx.	24 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

[Type Examination Certificate](#)

[Miscellaneous](#)



[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



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

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



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