SIEMENS

Data sheet 6ES7193-6TP00-0TP1



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)	
● 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	
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	
● 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
Accessories	
Color coding labels	
● for process terminals	CC10, CC12
Connection method	
Terminals	

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● Terminal type	Push-in terminal
● Conductor cross-section, min.	0.14 mm²; 0.2 mm² without wire end ferrule
● Conductor cross-section, max.	2.5 mm²; 1.5 mm² with wire end ferrule
● Number of process terminals to I/O module	16
● Number of terminals to AUX bus	0
● Number of add-on terminals	0
● Number of terminals with connection to P1 and P2 bus	2

Dimensions

Width	15 mm
Height	74 mm
Depth	34 mm

Weights

Weight, approx.	24 g

Classifications

	Version	Classification
eClass	16	27-24-26-03
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

Type Examination Certificate

Miscellaneous

CCC-Ex

Maritime application

Maritime application

NK / Nippon Kaiji Kyokai

CCS (China Classification Society)

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Maritime application	Environment
KR (Korean Register of Shipping)	

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