SIEMENS

Data sheet 6ES7193-6UP00-0BP2



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)	
● 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

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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 mm²
● Conductor cross-section, max.	2.5 mm²
● 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

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 | **Maritime application**

Miscellaneous | Type Examination Certificate | CCC-Ex

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Maritime application					
DNV	LRS	NK / Nippon Kaiji Kyokai	RINA	RMRS	CCS (China Classification Society)

Maritime application	Environment
KR (Korean Register of Shipping)	EPD

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