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Data sheet 6ES7193-7DB20-0AA0



SIMATIC, terminal module TM-PS-B for ET200iSP, in addition to TM-PS-A, for holding the redundant power supply module 120/230 V AC and 24 V DC, Ex eb [ia Ga/ib] IIC T4 Gb, Ex eb [ia IIIC Da] IIC T4 Gb, Ex eb [ia/ib] I Mb

General information	
Product type designation	TM-PS-B UC
Installation type/mounting	
Rack mounting	No
Front mounting	Yes
Rail mounting	Yes
Wall mounting/direct mounting	No
Supply voltage	
Type of supply voltage	AC
permissible range, lower limit (AC)	85 V
permissible range, upper limit (AC)	264 V
Input current	
At 50 Hz AC, max.	6 A
At 60 Hz AC, max.	6 A
Output voltage	
Type of output voltage	DC
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Output current	
At DC, max.	5 A
Hardware configuration	
Slots	
● Number of slots	1
● Plug-in modules, analog I/O	No
● Plug-in modules, digital I/O	No
● Plug-in modules, function modules and technology modules	No
● Plug-in modules, communication modules	No
● Plug-in modules, CPUs	No
● Plug-in modules, others	Yes
Isolation	
Isolation tested with	2500 V AC between control supply voltages and all output voltages
Standards, approvals, certificates	
CE mark	CE 0344
UKCA mark	DEKRA 21UKEX0032 Importer UK: Siemens plc Manchester M20 2UR
cULus	LISTED E334384
FM approval	CLASSIFIED 3025852
Suitable for safety functions	Yes
INMETRO certificate	UL-BR 12.0077

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Use in hazardous areas	
● ATEX marking	II 2 G (1) G Ex eb [ia Ga/ib] IIC T4 Gb II 2 G (1) D Ex eb [ia IIIC Da] IIC T4 Gb I M2 Ex eb [ia/ib] I Mb
● ATEX certificate	KEMA 04 ATEX 2242
● IECEx	IECEx KEM 05.0003
● CCC Ex	2020322310002881
● Explosion protection category for gas	ATEX gas explosion protection, Zone 1
● Explosion protection category for dust	ATEX dust explosion protection, Zone 21 always install in corresponding enclosure
● associated equipment (Ex ia)	No
● associated equipment (Ex ib)	No
Connection method	
Terminals	
● Conductor cross-section, min.	0.5 mm²; note "Wiring rules for ET 200iSP"
● Conductor cross-section, max.	4 mm²
Dimensions	
Width	60 mm
Height	190 mm
Depth	52 mm
Weights	
Weight, approx.	230 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

Miscellaneous

China RoHS

General Product Approval	For use in hazardous locations				
Manufacturer Declaration	ATEX	IECEx	FM	IECEx	Miscellaneous

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CCC-Ex

Miscellaneous

For use in hazardous locations	Maritime application

Environment

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