



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 brand name	SIMATIC
Product family	ET 200iSP
Product category	Terminal module
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	
<ul style="list-style-type: none"> <li>• Number of slots</li> <li>• Plug-in modules, analog I/O</li> <li>• Plug-in modules, digital I/O</li> <li>• Plug-in modules, function modules and technology modules</li> <li>• Plug-in modules, communication modules</li> <li>• Plug-in modules, CPUs</li> <li>• Plug-in modules, others</li> </ul>	<ul style="list-style-type: none"> <li>1</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>No</li> <li>Yes</li> </ul>
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
<b>Use in hazardous areas</b>	
<ul style="list-style-type: none"> <li>• ATEX certificate</li> <li>• IECEx</li> <li>• CCC Ex</li> <li>• Explosion protection category for gas</li> <li>• Explosion protection category for dust</li> <li>• associated equipment (Ex ia)</li> <li>• associated equipment (Ex ib)</li> </ul>	KEMA 04 ATEX 2242 IECEx KEM 05.0003 2020322310002881 ATEX gas explosion protection, Zone 1 ATEX dust explosion protection, Zone 21 always install in corresponding enclosure No No

**Connection method**

<b>Terminals</b>	
<ul style="list-style-type: none"> <li>• Conductor cross-section, min.</li> <li>• Conductor cross-section, max.</li> </ul>	0.5 mm <sup>2</sup> ; note "Wiring rules for ET 200iSP" 4 mm <sup>2</sup>

**Dimensions**

Width	60 mm
Height	190 mm
Depth	52 mm

**Weights**

Weight, approx.	230 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**



[Miscellaneous](#)

[China RoHS](#)



**For use in hazardous locations**



[FM](#)



[Miscellaneous](#)



**For use in hazardous locations**

[CCC-Ex](#)



[Miscellaneous](#)



Maritime application

Environment



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