



SIMATIC, terminal module TM-PS-A standard for ET200iSP, for holding the power supply module 120/230 V AC and 24 V DC, Ex eb [ia Ga/ib] IIC T4 Gb, Ex eb [ia IIC 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-A 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 / header	
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"> • Number of slots • Plug-in modules, analog I/O • Plug-in modules, digital I/O • Plug-in modules, function modules and technology modules • Plug-in modules, communication modules • Plug-in modules, CPUs • Plug-in modules, others 	<ul style="list-style-type: none"> 1 No No No No No 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
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX certificate • IECEx • CCC Ex • Explosion protection category for gas • Explosion protection category for dust • associated equipment (Ex ia) • associated equipment (Ex ib) 	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
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) 	Yes Yes Yes Yes
Connection method	
Terminals	
<ul style="list-style-type: none"> • Conductor cross-section, min. • Conductor cross-section, max. 	0.5 mm ² ; note "Wiring rules for ET 200iSP" 4 mm ²
Dimensions	
Width	60 mm
Height	190 mm
Depth	52 mm
Weights	
Weight, approx.	230 g
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](#)

[KC](#)



For use in hazardous locations



[FM](#)



[Miscellaneous](#)



For use in hazardous locations

Maritime application



[Miscellaneous](#)



Maritime application

Environment



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