



SIMATIC, terminal module TM-EM/EM60C for ET200iSP, for holding two electronic modules, spring-loaded terminals, Ex eb [ja Ga/ib] IIC T4 Gb, Ex eb [ja IIIC Da] IIC T4 Gb, Ex eb [ja/ib] I Mb

General information	
Product brand name	SIMATIC
Product family	ET 200iSP
Product category	Terminal module
Product type designation	TM-EM/EM60S
Product version	Spring terminals
Installation type/mounting	
Rack mounting	No
Front mounting	Yes
Rail mounting	Yes
Wall mounting/direct mounting	No
Supply voltage	
Type of supply voltage	DC
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
At DC, max.	4 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.	4 A
Hardware configuration	
Slots	
• Number of slots	2
• Plug-in modules, analog I/O	Yes
• Plug-in modules, digital I/O	Yes
• 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
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
reference designation according to IEC 81346-2 (2009)	XX
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX marking • ATEX certificate • IECEX • CCC Ex • Explosion protection category for gas • Explosion protection category for dust • associated equipment (Ex ia) • associated equipment (Ex ib) 	<p>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</p> <p>KEMA 04 ATEX 2242</p> <p>IECEX KEM 05.0003</p> <p>2020322310002881</p> <p>ATEX gas explosion protection, Zone 1</p> <p>ATEX dust explosion protection, Zone 21 always install in corresponding enclosure</p> <p>Yes</p> <p>Yes</p>
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
Dimensions	
Width	60 mm
Height	190 mm
Depth	52 mm
Weights	
Weight, approx.	275 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](#)



For use in hazardous locations



[FM](#)



[Miscellaneous](#)

For use in hazardous locations

[CCC-Ex](#)



[Miscellaneous](#)



Maritime application

Environment



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