



SIMATIC, terminal module TM-EM/EM60S for ET200iSP, for two electronic modules, screw terminals, 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-EM/EM60S
Product version	Screw 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	

- 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)

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

KEMA 04 ATEX 2242

IECEx KEM 05.0003

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ATEX gas explosion protection, Zone 1

ATEX dust explosion protection, Zone 21 always install in corresponding enclosure

Yes

Yes

Marine approval

- Germanischer Lloyd (GL)
- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- Det Norske Veritas (DNV)

Yes

Yes

Yes

Yes

Dimensions

Width	60 mm
Height	190 mm
Depth	52 mm

Weights

Weight, approx.	275 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](#)





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