



Figure similar

SIMATIC, terminal module TM-EM/EM60S for ET200iSP, for two electronic modules, screw terminals in black, 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-EM/EM60S
Product version	Screw terminals black
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
Suitable for safety functions	Yes
reference designation according to IEC 81346-2 (2009)	XX
Use in hazardous areas	

• Explosion protection category for gas • Explosion protection category for dust • associated equipment (Ex ia) • associated equipment (Ex ib)	No No No No																																										
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.	235 g																																										
Classifications																																											
	<table><tr><th></th><th>Version</th><th>Classification</th></tr><tr><td>eClass</td><td>14</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>12</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>9.1</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>9</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>8</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>6</td><td>27-24-26-03</td></tr><tr><td>ETIM</td><td>10</td><td>EC001598</td></tr><tr><td>ETIM</td><td>9</td><td>EC001598</td></tr><tr><td>ETIM</td><td>8</td><td>EC001598</td></tr><tr><td>ETIM</td><td>7</td><td>EC001598</td></tr><tr><td>IDEA</td><td>4</td><td>3560</td></tr><tr><td>UNSPSC</td><td>15</td><td>32-15-17-04</td></tr></table>		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
	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																																											
 EG-Konf.	 Miscellaneous China RoHS KC  RCM																																										
For use in hazardous locations																																											
 ATEX	 IECEX  IECEX Miscellaneous  CCC CCC-Ex																																										
For use in hazardous locations																																											
Maritime application																																											
 INMETRO Miscellaneous  IECEX  ATEX  ABS  BUREAU VERITAS																																											
Maritime application	Environment																																										



last modified:

4/28/2025 