SIEMENS

## Data sheet 6ES7193-7CA11-0AA0



SIMATIC, terminal module TM-EM/EM60P for ET200iSP, for holding two electronic modules, push-in terminals, Ex eb ib [ia Ga/ib] IIC T4 Gb, Ex eb ib [ia IIIC Da] IIC T4 Gb Ex eb ib [ia/ib] I Mb

| | |
|---|---|
| **General information** | |
| Product type designation | TM-EM/EM60P |
| **Installation type/mounting** | |
| Rack mounting | No |
| Front mounting | Yes |
| Rail mounting | Yes |
| Wall mounting/direct mounting | No |
| **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 | No |
| Use in hazardous areas | |
| ● ATEX marking | 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 |
| ● ATEX certificate | KEMA 04 ATEX 2242 |
| ● IECEx | IECEx KEM 05.0003 |
| ● Explosion protection category for gas | ATEX gas explosion protection, Zone 1 |
| ● Explosion protection category for dust | ATEX dust explosion protection, Zone 21 always install in corresponding enclosure |
| ● associated equipment (Ex ia) | Yes |
| ● associated equipment (Ex ib) | Yes |
| **Dimensions** | |
| Width | 60 mm |
| Height | 190 mm |
| Depth | 52 mm |
| **Weights** | |
| Weight, approx. | 275 g |
| **Classifications** | |

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-26-03 |


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| | | |
|---|---|---|
| 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 |

## Approvals / Certificates

### General Product Approval

For use in hazardous locations

Manufacturer Declaration

CCC-Ex

### For use in hazardous locations

### Maritime application

### Environment

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