

SIMATIC S7-1500 / ET 200MP active backplane bus 4 slots for inserting S7-1500 I/O modules for hot swapping for use in the ET 200MP with IM 155-5 PN HF (from FW V4.4.1); S7-1500 mounting rail and slot covers to be ordered separately



Figure similar

| General information | |
|--|--|
| Product type designation | Active Backplane ST 1+4 Slot |
| HW functional status | from FS01 |
| Firmware version | from V1.0.0 |
| <ul style="list-style-type: none"> FW update possible | Yes |
| Product function | |
| <ul style="list-style-type: none"> I&M data | Yes; I&M0 to I&M3 |
| <ul style="list-style-type: none"> Isochronous mode | Yes |
| <ul style="list-style-type: none"> Prioritized startup | Yes |
| Engineering with | |
| <ul style="list-style-type: none"> STEP 7 TIA Portal configurable/integrated from version | V16 / V17 |
| <ul style="list-style-type: none"> STEP 7 configurable/integrated from version | V5.6 and higher |
| <ul style="list-style-type: none"> PROFINET from GSD version/GSD revision | V2.35 / - |
| Power | |
| Power consumption from the backplane bus | 2 W |
| Power loss | |
| Power loss, typ. | 2 W |
| Hardware configuration | |
| Slots | |
| <ul style="list-style-type: none"> Grid size | 35 mm; Utilization of 25 mm-wide modules possible |
| <ul style="list-style-type: none"> Number of slots | 5 |
| <ul style="list-style-type: none"> — of which for CPU, max. | 1; for S7-1500H CPU with CPU firmware V3.1 or higher; interface modules up to V1.1.0 only (active backplane bus) |
| <ul style="list-style-type: none"> — of which for IM, max. | 1 |
| <ul style="list-style-type: none"> — of which for PS, max. | 4; Max. 2 PS per station |
| <ul style="list-style-type: none"> — of which for IO/CM/CP/TM, max. | 4 |
| <ul style="list-style-type: none"> — of which for F-IO, max. | 4 |
| <ul style="list-style-type: none"> Number of single-width slots, max. | 4 |
| Ambient conditions | |
| Ambient temperature during operation | |
| <ul style="list-style-type: none"> horizontal installation, min. | -30 °C |
| <ul style="list-style-type: none"> horizontal installation, max. | 60 °C |
| <ul style="list-style-type: none"> vertical installation, min. | -30 °C |
| <ul style="list-style-type: none"> vertical installation, max. | 40 °C |
| Ambient temperature during storage/transportation | |
| <ul style="list-style-type: none"> min. | -40 °C |
| <ul style="list-style-type: none"> max. | 70 °C |
| Altitude during operation relating to sea level | |

• Installation altitude above sea level, max.

5 000 m; Restrictions for installation altitudes > 2 000 m, see manual

Dimensions

| | |
|--------|--------|
| Width | 154 mm |
| Height | 99 mm |
| Depth | 14 mm |

Weights

| | |
|-----------------|-------|
| Weight, approx. | 128 g |
|-----------------|-------|

Classifications

| | Version | Classification |
|--------|---------|----------------|
| eClass | 16 | 27-24-22-03 |
| eClass | 14 | 27-24-22-03 |
| eClass | 12 | 27-24-22-03 |
| eClass | 9.1 | 27-24-22-03 |
| eClass | 9 | 27-24-22-03 |
| eClass | 8 | 27-24-22-03 |
| eClass | 7.1 | 27-24-22-03 |
| eClass | 6 | 27-24-22-03 |
| ETIM | 10 | EC000810 |
| ETIM | 9 | EC000810 |
| ETIM | 8 | EC000810 |
| ETIM | 7 | EC000810 |
| IDEA | 4 | 3560 |
| UNSPSC | 15 | 32-15-17-04 |

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



General Product Approval **For use in hazardous locations**



[Manufacturer Declaration](#)



[FM](#)

[CCC-Ex](#)



For use in hazardous locations **Maritime application**

[Type Examination Certificate](#)

[Miscellaneous](#)



[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)

[KR \(Korean Register of Shipping\)](#)

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