

SIMATIC S7-1200, EMS400S, Power Signal BOOSTER PSB-S, 6xDI, 24 V DC, 1x DI, 24 V DC sync, 3x rail signal 48 V DC

| General information | | |
|---|----------------|-----------------------|
| Product type designation | EMS400S PSB-S | |
| Supply voltage | | |
| Rated value (DC) | 24 V | |
| permissible range, lower limit (DC) | 20.4 V | |
| permissible range, upper limit (DC) | 28.8 V | |
| Interfaces | | |
| Number of interfaces | 1 | |
| Degree and class of protection | | |
| IP degree of protection | IP20 | |
| Standards, approvals, certificates | | |
| CE mark | Yes | |
| cULus | Yes | |
| Ambient conditions | | |
| Ambient temperature during operation | | |
| • min. | 0 °C | |
| • max. | 55 °C | |
| Ambient temperature during storage/transportation | | |
| • min. | -40 °C | |
| • max. | 70 °C | |
| Relative humidity | | |
| • Operation at 25 °C without condensation, max. | 95 % | |
| Dimensions | | |
| Width | 70 mm | |
| Height | 100 mm | |
| Depth | 75 mm | |
| Weights | | |
| Weight, approx. | 230 g | |
| Classifications | | |
| | Version | Classification |
| eClass | 14 | 27-24-22-08 |
| eClass | 12 | 27-24-22-08 |
| eClass | 9.1 | 27-24-22-08 |
| eClass | 9 | 27-24-22-08 |
| eClass | 8 | 27-24-22-08 |
| eClass | 7.1 | 27-24-22-08 |
| eClass | 6 | 27-24-22-08 |
| ETIM | 10 | EC001423 |
| ETIM | 9 | EC001423 |
| ETIM | 8 | EC001423 |
| ETIM | 7 | EC001423 |
| IDEA | 4 | 3564 |
| UNSPSC | 15 | 32-15-17-05 |
| Approvals / Certificates | | |
| General Product Approval | | |



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[Manufacturer Declaration](#)

[Miscellaneous](#)



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[China RoHS](#)

General Product Approval

EMV

Maritime application



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