



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	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 EMV



[Manufacturer Declaration](#)

[Miscellaneous](#)



EMV Maritime application



last modified:

7/17/2025