



SIMATIC S7-1200, EMS400S, Power Signal BOOSTER PSB-C, 1x AQ, 0.. 10V DC, RS232, Rail signal 48 V DC

General information			
Product type designation	EMS400S PSB-C		
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	2		
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.	210 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

[Manufacturer Declaration](#)



[Miscellaneous](#)



[China RoHS](#)

General Product Approval EMV Maritime application



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7/17/2025