

17.3 Technical specifications of the SEC PO 800

Core statement

Article number	6ES7653-2CM00-0XB0
General information	
Product type designation	PCS 7 System Expansion Card PO 800
Hardware product version	3
Firmware version	V2.0
Design of PLC basic unit	With Conformal Coating (ISA-S71.04 severity level G1; G2; G3) and operating temperature to 70 °C
Memory	
PCS 7 process objects	800; PO for CPU 410 SMART
Work memory	
• integrated	8 Mbyte; max.
• expandable	No
Address area	
I/O address area	
of which distributed	
– DP interface, inputs	1 536 byte; up to 1 500 IOs
– DP interface, outputs	1 536 byte; up to 1 500 IOs
– PROFINET interface, inputs	1 536 byte; up to 1 500 IOs
– PROFINET interface, outputs	1 536 byte; up to 1 500 IOs
Digital channels	
• Inputs	16 384; max.
• Outputs	16 384; max.
Analog channels	
• Inputs	1 024; max.
• Outputs	1 024; max.
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes

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Use in hazardous areas	
• ATEX	ATEX II 3G Ex nA IIC T4 Gc
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	70 °C
Dimensions	
Width	8 mm
Height	16 mm
Depth	25 mm
Weights	
Weight, approx.	20 g