

SIMATIC System Expansion Card up to 500 process objects suitable for CPU 410-5H

General information			
Product type designation		PCS 7 System Expansion Card PO 500	
HW functional status		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	
Storage			
PCS 7 process objects		500; PO for CPU 410-5H; expandable by means of CPU 410 Expansion Pack PO 100 or PO 500	
Work memory			
• integrated		Use of max. 10 MB work memory in the CPU 410-5H	
• expandable		Yes, by means of CPU 410 Expansion Pack PO 100 or PO 500	
CPU-blocks			
DB			
• Size, max.		64 kbyte; the total size of all data blocks generated with the SFC 22 (CREATE_DB) is limited to 256 KB	
Address area			
I/O address area			
• Inputs		Use of 16 KB in the CPU 410-5H	
• Outputs		Use of 16 KB in the CPU 410-5H	
Standards, approvals, certificates			
CE mark		Yes	
UKCA 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	
CCC		Yes	
Use in hazardous areas			
• ATEX		ATEX II 3G Ex ec 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	
Classifications			
		Version	Classification
	eClass	16	27-24-25-01
	eClass	14	27-24-25-01
	eClass	12	27-24-25-01
	eClass	9.1	27-24-25-01

eClass	9	27-24-25-01
eClass	8	27-24-25-01
eClass	7.1	27-24-25-01
eClass	6	27-24-25-01
ETIM	10	EC000809
ETIM	9	EC000809
ETIM	8	EC000809
ETIM	7	EC000809

Approvals / Certificates

General Product Approval



[Miscellaneous](#)



General Product Approval

For use in hazardous locations



[China RoHS](#)

[Miscellaneous](#)

[Manufacturer Declaration](#)



For use in hazardous locations

Maritime application

[FM](#)



[Type Examination Certificate](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



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

Environment



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