SIEMENS

SIMATIC PCS 7 System Expansion Card up to 100 process objects
for PCS 7 CPU410-5H

General information	
Product type designation	PCS 7 System Expansion Card PO 100
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

Memory	
PCS 7 process objects	100; PO for CPU 410-5H; expandable by means of CPU 410 Expansion Pack PO 100 or PO 500
Work memory	
• integrated	Use of max. 2.2 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
Process image	
• Inputs, default	Total peripheral address range, cannot be changed
• Outputs, default	Total peripheral address range, cannot be changed

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
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

last modified:	02/25/2020