

SIMATIC System Expansion Card, up to 8 MB work memory and R1 license, with 4 KB each inputs and outputs suitable for CPU 410-5H

General information	
Product type designation	CPU 410 System Expansion Card 8MB incl. R1
HW functional status	03
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	
Work memory	
- integrated - integrated (for program) - integrated (for data) - expandable	use of max. 8 MB work memory in the CPU 410-5H Use of max. 4 MB work memory in the CPU 410-5H Use of max. 4 MB work memory in the CPU 410-5H No
Address area	
I/O address area	
- Inputs - Outputs	use of 4 KB in the CPU 410-5H use of 4 KB in the CPU 410-5H
Process image	
- Inputs, default - Outputs, default	Total peripheral address range, cannot be changed Total peripheral address range, cannot be changed
Digital channels	
- Inputs — of which central - Outputs — of which central	32 768; max. 32 768; max. 32 768; max. 32 768; max.
Analog channels	
- Inputs — of which central - Outputs — of which central	2 048; max. 2 048; max. 2 048; max. 2 048; max.
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. - max.	0 °C 70 °C
configuration / header	
Configuration software	
STEP 7	Yes
configuration / programming / header	
Programming language	

- LAD
- FBD
- STL
- SCL
- CFC
- GRAPH
- HiGraph®

Yes
Yes
Yes
Yes
Yes
Yes
Yes

Dimensions	
Width	8 mm
Height	16 mm
Depth	25 mm
Weights	
Weight, approx.	20 g

last modified: 11/11/2022 