SIEMENS

Data sheet 6ES7653-2CF02-0XB0

	SIMATIC System Expansion Card, up to 1600 process objects and V10 license for PCS neo, suitable for CPU 410-5H and CPU 4168-H
General information	
Product type designation	system expansion card PO 1600 incl. V10 expansion
HW functional status	3
Firmware version	V2.0
Memory	
PCS 7 process objects	1 600; expandable, by means of CPU 410 expansion pack PO 100 or PO 500
Work memory	
● integrated	depending on CPU type, use and PO volumes. - CPU 410-5H V8 (PCS 7): 31.5 MB at PO 1.600; - CPU 410-5H V10 (PCS neo): 32 MB at PO 1.600; - CPU 4168-H V4 (PCS neo): see CPU
CPU-blocks	
DB	
● Size, max.	64 kbyte; for CPU 410, the total size of all data blocks created by SFC 22 or SFC 85 is limited to 256 KB
Address area	
I/O address area	
● Inputs	16 kbyte
● Outputs	16 kbyte
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.	-25 °C
● max.	70 °C
Ambient temperature during storage/transportation	
● min.	-25 °C
● max.	70 °C
Altitude during operation relating to sea level	
● Installation altitude above sea level, max.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Resistance	
Usage in industrial process technology	
— Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04	Yes
Dimensions	
Width	8 mm
Height	16 mm
Depth	25 mm
Weights	
Weight, approx.	20 g
last modified:	11/25/2022