



Rilascio PLC 1212 FC

La famiglia di controllori SIMATIC S7-1200 si è arricchita con la nuova CPUs Failsafe 1212FC controllore compatto per funzioni standard e di sicurezza

Principali caratteristiche della CPU

CPU 1212 FC DC/DC/Rly and CPU 1212 FC DC/DC/DC

- Integrated PROFINET
- PROFINET controller
- PROFINET iDevice
- Extended user memory
- 100 KB RAM
- 2MB load memory
- 10 KB retentive data
- 85 ns execution time for boolean operations
- Integrated standard I/O
- 2 integrated analog inputs
- 8 integrated digital inputs
- 6 integrated digital outputs
- Integrated HSC (High Speed Counter) - with up to 100 kHz
- Integrated PTO (Pulse Train output) for controlling stepper motors
- Firmware update via PROFINET port
- Real-time clock power reserve typically 20 days
- Temperature range 0 °C to +55 °C

	SIMATIC S7-1200 FC		Product description
CPU	CPU 1212 FC	CPU 1212 FC DC/DC/Rly CPU 1212 FC DC/DC/DC	Compact CPU 1212 FC, integrated PROGRAM / DATA MEMORY 100 KB, load memory 2 MB; boolean execution times 0.085 µs per operation; integrated standard I/O: 8 digital inputs, 6 digital outputs, 2 analog inputs; can be expanded with up to 3 communication modules, 2 signal modules and 1 signal board; digital inputs as HSC with 100 kHz, 24 DC digital outputs can be used as PTO or PWM with 100 kHz
Signal Module	SM 1226 F-DI	16 x 24 V DC F-DI	Digital input F-DI 16X 24VDC, 75 mm width, up to PL e (ISO 13849-1)/ SIL3 (IEC 61508)
	SM 1226 F-DQ	4 x 24 V DC F-DQ	Digital output, F-DQ 4X 24VDC 2A, 75 mm width, up to PL e (ISO 13849-1)/ SIL3 (IEC 61508)
	SM 1226 F-RLY	2 x F-DQ Relay	Digital output, F-DQ 2X RLY 5A, 75 mm width, up to PL e (ISO 13849-1)/ SIL3 (IEC 61508)

CPU	Codice
CPU 1212 FC DC/DC/DC	6ES7 212-1AF40-0XB0
CPU 1212 FC DC/DC/RLy	6ES7 212-1HF40-0XB0

Per l'implementazione della nuova CPU failsafe è necessario l'utilizzo di STEP7 Safety Basic/Advanced **V14**

Note:

Per le funzionalità Failsafe è necessaria sempre una configurazione CPU + Moduli d'espansione Failsafe, gli I/O integrati nella CPU non hanno funzionalità Failsafe.

Siemens S.p.A.

[RC-IT DF FA AS PLC M](#)

Viale Piero e Alberto Pirelli, 10
20126 Milano