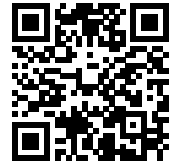


CX2100-0024 | 240 W power supply module for CX20xx, electrically isolated and UPS OCT-capable



i Product status: product announcement | estimated market release 3rd quarter 2025

The electrically isolated CX2100-0024 power supply unit extends the existing power supply modules by a more powerful version offering a maximum power output of 240 W. It is intended for supplying power to the components of a CX20xx system (CPU modules, system and extension modules) and is suitable for all existing basic CPU modules from the CX20xx series. The CX2100-0024 power supply unit is actively cooled and has an exchangeable fan cartridge. The fan speed is available as diagnostic information. The power supply modules are controlled via TwinCAT. An FSTN LC display with 2 x 16 characters and a selector switch as well as an enter key allow the querying of internal status values as well as self-created display parameters or menus with and without input options.

EtherCAT or Bus Terminals can be connected on the right-hand side – the respective bus system is detected automatically and operated by the CPU. Power is supplied to the E-bus or K-bus electronics in the I/O terminals by an integrated, but internally separate power supply unit with 2 A at 5 V DC.

Product information

Technical data

Technical data	CX2100-0024
Power supply	24 V DC (-15%/+20%), electrically isolated and UPS OCT-capable
Max. power output	240 W
I/O connection	E-bus or K-bus, automatic recognition
Current supply E-bus/K-bus	2 A
UPS	communication to CU81xx via UPS OCT via 24 V DC cable

Connection type	spring-loaded technique (adapter terminal)
Display	FSTN display 2 lines x 16 characters of text, illuminated
Diagnostics LED	1 x PWR, 1 x I/O Run, 1 x I/O Err
Max. power loss	22 W
Max. power consumption E-bus/K-bus	10 W (5 V/max. 2 A)
Dimensions (W x H x D)	60 mm x 100 mm x 91 mm
Weight	approx. 650 g
Operating temperature	-25...+60°C
Storage temperature	-25...+85°C
Relative humidity	95%, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protection rating	IP20
Approvals/markings	CE, UL