Status LCD display

Power LEDs

E-bus/
K-bus interface

Power supply

+60 °C
−25 °C

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

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 CX2000 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.

K-bus or alternatively EtherCAT 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.

Technical data	CX2100-0024
Power supply	24 V DC (-15 %/+20 %), electrically isolated and UPS OCT-capable
Max. 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
Capacity	dependent on battery
Type of connection	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
Dimensions (W x H x D)	60 mm x 100 mm x 91 mm
Weight	approx. 650 g
Operating/storage temperature	-25…+60 °C/-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 class	IP 20
Approvals	CE, UL

ⓘ **Product announcement**   estimated market release on request