

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

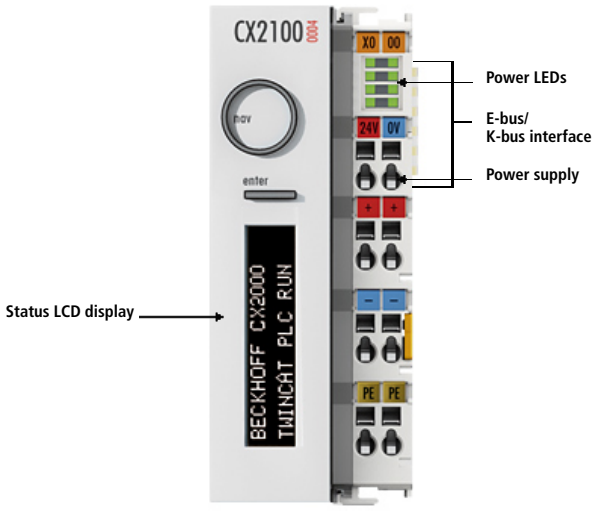
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



Power supply unit with E-bus/K-bus interface

CX2100-0xxx | Power supply units and UPS modules for CX20xx

The CX2100 power supply and UPS modules are used for supplying power to the components (CPU modules, system and extension modules) of a CX20xx system. 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.

The power supply units are in principle passively cooled and have no fans. A choice of four different power supply units is available:

- The standard power supply CX2100-0004 (only for CX2020 and CX2030) provides a maximum output of 45 W.
- The more powerful CX2100-0014 power supply unit offers a maximum output of 130 W. Thanks to its wider housing front the CX2100-0014 also allows passive ventilation through the front and is thus also suitable for horizontal mounting positions. Optionally, the CX2020 or CX2030 systems can be equipped with active ventilation (fan option) for better heat dissipation, thus enabling operation in different ambient conditions in combination with a CX2100-0014 power supply unit.
- In addition to the power supply functionality, the CX2100-0904 module also features an integrated capacitive UPS. In the event of a power failure this enables the system to save data on the storage medium and then shut down in an orderly manner.
- The CX2100-0914 module can be used to charge external battery packs in order to provide backup power for the system and external components such as Control Panels.

Technical data	CX2100-0004	CX2100-0014	CX2100-0904	CX2100-0914
Power supply	24 V DC (-15 %/+20 %)			
Max. output	45 W	130 W	45 W	100 W
I/O connection	E-bus or K-bus, automatic recognition			
Current supply E-bus/K-bus	2 A			
UPS	–	–	capacitively integrated	external
Charge	–	–	75 As	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			
Max. power consumption	3.5 W			
Dimensions (W x H x D)	40 mm x 100 mm x 91 mm	60 mm x 100 mm x 91 mm	118 mm x 100 mm x 91 mm	84 mm x 100 mm x 91 mm
Weight	approx. 375 g	approx. 550 g	approx. 1025 g	approx. 695 g
Operating/storage temperature	-25…+60 °C/-40…+85 °C	-25…+60 °C/-40…+85 °C	-25…+50 °C/-25…+60 °C	-25…+60 °C/-40…+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/markings	CE, UL			

We reserve the right to make technical changes.

Options	
CX2900-0192	Battery pack for CX2100-0914

We reserve the right to make technical changes.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP