CX2100-0914 | Power supply unit for external UPS for CX20xx

Product status: Regular delivery

The CX2100-0914 power supply and UPS module is used for supplying power to the components (CPU modules, system and extension modules) of a CX20xx system. The power supply module is 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 CX2100-00914 is in principle passively cooled, has no fan and is intended for operation in the extended temperature range from -25 to +60 °C. 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.

Product information

Technical Data

Technical data	CX2100-0914
Power supply	24 V DC (-15 %/+20 %)
Max. power output	100 W
I/O connection	E-bus or K-bus, automatic recognition
Current supply E-bus/K-bus	2 A
UPS	external
Capacity	dependent on battery

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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)	84 mm x 100 mm x 91 mm
Weight	approx. 695 g
Operating/storage temperature	-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

Accessories

Accessories	
CX2900-0104	Plug set (spare part) for connecting the CX2100-0914 UPS module and CX2900-0192 battery pack