

**ACT20X
CBX200 USB**

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Product image


Power supply adapter modules for separate supply and distribution of the supply voltage: for the ACT20 series/ MICROSERIES signal converters.

The 22.5/6.1 mm wide power-feed modules are mounted directly adjacent to the analogue signal converters. Then the 24 VDC supply voltage is optionally bridged via the CH20M (ACT20-series) rail bus or simply bridged over using the pluggable ZQV 4N (MICROSERIES) cross-connectors.

The ACT20-Feed-In-PRO-S can also detect faults coming from any of the devices mounted on the CH20 bus mounting profile.

In the event of an error or fault, the integrated status relay sends a common alarm to the external controller. In addition, two power supply units (as primary and backup supply) can be connected to the ACT20 Feed-In PRO-S.

Two feed-in modules mounted to the CH20 bus mounting profile guarantee a 100% redundant power supply.

Three LEDs are used to show the status of the power supply and error messages.

The ACT20M-Feed-In PRO can also be used in Ex zone2 / Division2 applications.

General ordering data

Type	CBX200 USB
Order No.	8978580000
GTIN (EAN)	4032248813759
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	160 g
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Temperatures

Humidity	10...90 %, no condensation	Operating temperature, max.	50 °C
Operating temperature, min.	-10 °C	Storage temperature, max.	70 °C
Storage temperature, min.	-25 °C	Operating temperature	-10 °C...50 °C
Storage temperature	-25 °C...70 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Type	USB 2.0 (USB type A plug)	Input voltage	1.6 ... 5.6 V
Input resistance	22 kΩ	Input current	≤ 100 mA

Output

Type	RS232 (4-pole 2.5-mm jack plug)	Output voltage, note	3.3 V regulated
Output current	3 A	Baud rate	≤ 115 kBd
Activation signal	9...15 V typ. 12 V / 4 mA	Level on interfaces	1.8...5.6 V (automatically adapted)

General data

Baud rate	≤ 115 kBd	Input/Output	Interfaces
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Insulation coordination

Insulation voltage	2.5 kV (input / output)
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Classifications

ETIM 6.0	EC001417	eClass 6.2	27-06-92-02
eClass 7.1	25-13-90-90	eClass 8.1	25-13-90-90
eClass 9.0	27-24-22-16	eClass 9.1	27-21-92-90

Product information

Product information	CBX200 USB is a USB2.0/RS232 interface converter with galvanic insulation. It provides additional functions in terms of controllability and supply of connected RS232 devices. The CBX200 USB allows the configuration of the product family ACT20 and the signal converter WAVE TTA.
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Approvals

Approvals	
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ROHS	Conform
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Data sheet**ACT20X
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Approval/Certificate/Document of Conformity	Declaration of Conformity
Brochure/Catalogue	CAT 4.1 ELECTR 16/17 EN
User Documentation	Instruction sheet

Data sheet

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Drawings

Example of use



Example of use

