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DATALOGIC - CBX 500

CBX500
Compact modular connection/junction box, BM card compatible



- Fast, easy barcode reader connection
- ID-NET™ Interface
- Connection to Bus system

PRODUCT DESCRIPTION

The CBX 500 connection box has been produced to facilitate installation of Datalogic's 1D and 2D barcode readers. With its modular system, CBX500 can be connected easily to most bus systems on the market, including Profibus, Devicenet, Ethernet IP and CANopen. The backup module BM100 with reset function is available as an optional extra.
CBX100 is compatible with Datalogic readers in the 2K, 4K and Matrix series.

ID-NET™ is a dedicated high-speed interface between barcode readers. It permits speeds of up to 1 Mbit/s and is integrated as standard in all boxes in the CBX and Quick Link series. ID-NET™ is used as a complement to the standard main interface and can be configured as a station with multiple readers. This allows up to 16 readers to be connected which read different sides of the same object. In addition, ID-NET™ can be configured as multiple stations with individual readers, which allows up to 32 readers to be connected which read objects on each individual station, independently of one another.

TECHNICAL DATA

IP class	IP65
Power consumption	2,5 W max.
Storage temperature max	70 °C
Storage temperature min	-20 °C
Temperature operational max	50 °C
Temperature operational min	0 °C
Voltage dc max	30 V
Voltage dc min	10 V
Weight	780 g



Figure A

1. Indicator LEDs
2. Cover Screws (4)
3. Host Interface Module Panel
4. Compression Connectors (5)
5. 25-pin Device Connector

821001384 (Rev. D)

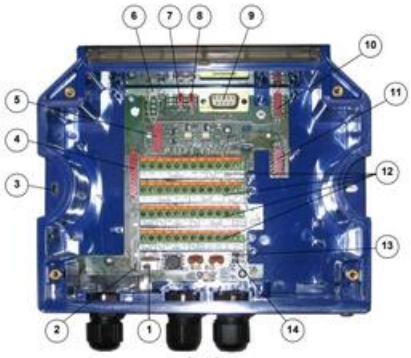


Figure B

1. Power Switch (ON/OFF)
2. Device Chassis Grounding Selector
3. Mounting Holes (2)
4. I/O Extension Module Connector
5. Backup Module Connector
6. Indicator LEDs
7. RS485 Termination Resistance Switch
8. ID-NET™ Termination Resistance Switch
9. Auxiliary Port Connector
10. IP65 Host Interface Module Connector
11. Standard Host Interface Module Connector
12. Spring Clamp Terminal Blocks
13. Shield to Protection Earth Selector
14. Power Source Selector

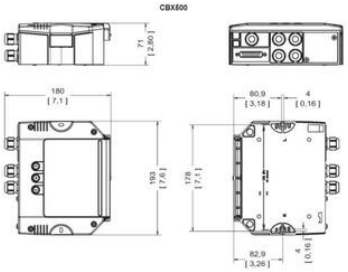




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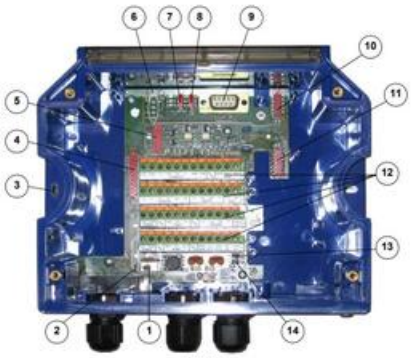


Figure B

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