

BCD-CC

Connectors for Broken-Belt Detection in Elevators



More information



BCD-CC Broken-Belt Detection System

At Dinacell, we have developed a specialized range of BCD (Broken Cable Detection) connectors designed to monitor electrical continuity for reliable broken-belt detection in elevator systems.

To ensure accurate operation, each belt requires a compatible detection device, along with a pair of Connector A and Connector B. Our portfolio includes various BCD connector models tailored to different belt types and installation requirements, providing maximum compatibility and performance.

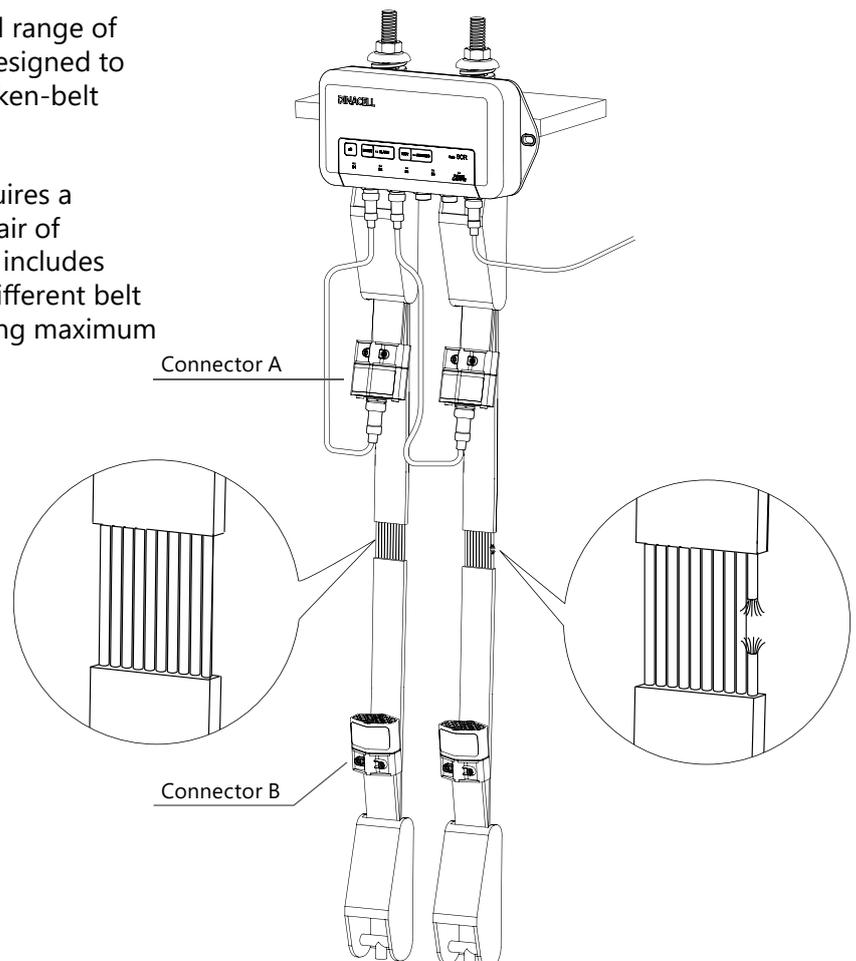
BCD-CC Connector

Design: Compact form factor with integrated GX12 socket

Connectivity: Supports fast and easy connection via an optional pigtail, selectable according to the target device model

Compatibility: Fully compatible with all Dinacell devices equipped with broken-belt detection functionality

Application: Suitable for a wide range of elevator belt configurations

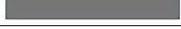




Specifications

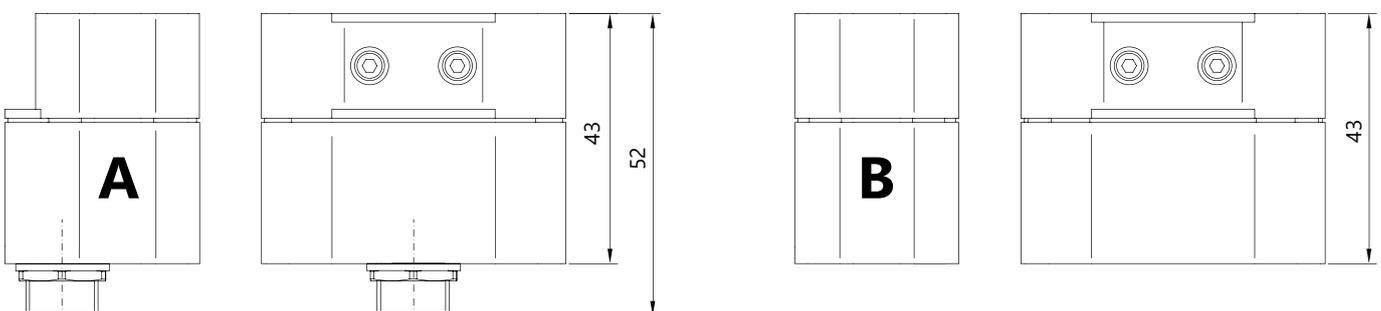
| Parameter | | Units | Specifications |
|------------------|-----------|-------|----------------|
| Model | | - | BCD-CC |
| Connection | Connector | - | GX12 |
| | Contact | - | 2 |
| Protection class | | - | IP50 |

Belts: compatibility and characteristics

| Manufacturer's mark | Size (mm) | Cores | Pitch | Belt format | Model | Ref. |
|---|-----------|-------|-------|--|----------------|--------|
| MEGADYNE CONTITECH XIZI XIOLIFT | 25x3.3 | 8 | 2.8 |  | BCD-CC 2508-1 | 032301 |
| GOLDSUN | 26x3.3 | 8 | 3.15 |  | BCD-CC 2508-15 | 032710 |
| CSB | 27x3 | 12 | 2.15 |  | BCD-CC 2712-17 | 033023 |
| CONTITECH XIOLIFT MEGADYNE EHC EHC CSB BRUGG TKE GUDA | 30x3.3 | 10 | 2.9 |  | BCD-CC 3010-2 | 030184 |
| GUSTAV WOLF | 30x3.3 | 10 | 2.7 |  | BCD-CC 3010-3 | 032157 |
| CONTITECH ELATECH | 30x3.3 | 12 | 2.45 |  | BCD-CC 3012-4 | 030409 |
| MEGADYNE | 30x4.5 | 12 | 2.45 |  | BCD-CC 3012-5 | 032062 |
| CONTITECH POLYROPE | 33x3.7 | 8 | 4 |  | BCD-CC 3308-13 | 031822 |
| MEGADYNE EHC | 36x3.3 | 12 | 2.9 |  | BCD-CC 3612-6 | 032229 |
| XIOLIFT | 37x3.3 | 12 | 3 |  | BCD-CC 3712-7 | 032270 |
| MEGADYNE | 40x4.5 | 16 | 2.5 |  | BCD-CC 4016-8 | 032021 |
| BRUGG TKE | 44x3.5 | 14 | 3 |  | BCD-CC 4414-9 | 032302 |
| MEGADYNE | 50x4.5 | 20 | 2.5 |  | BCD-CC 5020-10 | 032019 |
| MEGADYNE | 60x3.3 | 20 | 2.8 |  | BCD-CC 6020-11 | 032303 |
| CONTITECH CSB | 60x3.3 | 20 | 3 |  | BCD-CC 6020-16 | 032930 |
| CONTITECH BRUGG CSB SHENYANG-BLUELIGHT | 60x3.3 | 24 | 2.8 |  | BCD-CC 6024-14 | 032304 |
| MEGADYNE | 60x4.5 | 24 | 2.5 |  | BCD-CC 6024-12 | 031893 |

i A list of compatible manufacturers and models is available directly from Dinacell.
If your specific product is not listed, please contact our sales team for assistance with compatibility options.

Dimensional Drawings (mm)





Product Reference



Pigtail GX12-2P

Pigtail GX12-GX12

| Pigtail type | Compatible devices | | Length (m) | Ref. |
|--------------|--------------------|--------|------------|--------|
| | | | | |
| GX12-2P | WBD-602 | INSPEK | 1.5 | 031104 |
| | | | 4 | 030422 |
| GX12-GX12 | SCR | | 1.5 | 031642 |
| | | | 4 | 032198 |

Note: Pigtails for connecting the BCD-CC to the device.

For more information

www.dinacell.com

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