DINACELL

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BCD-CC

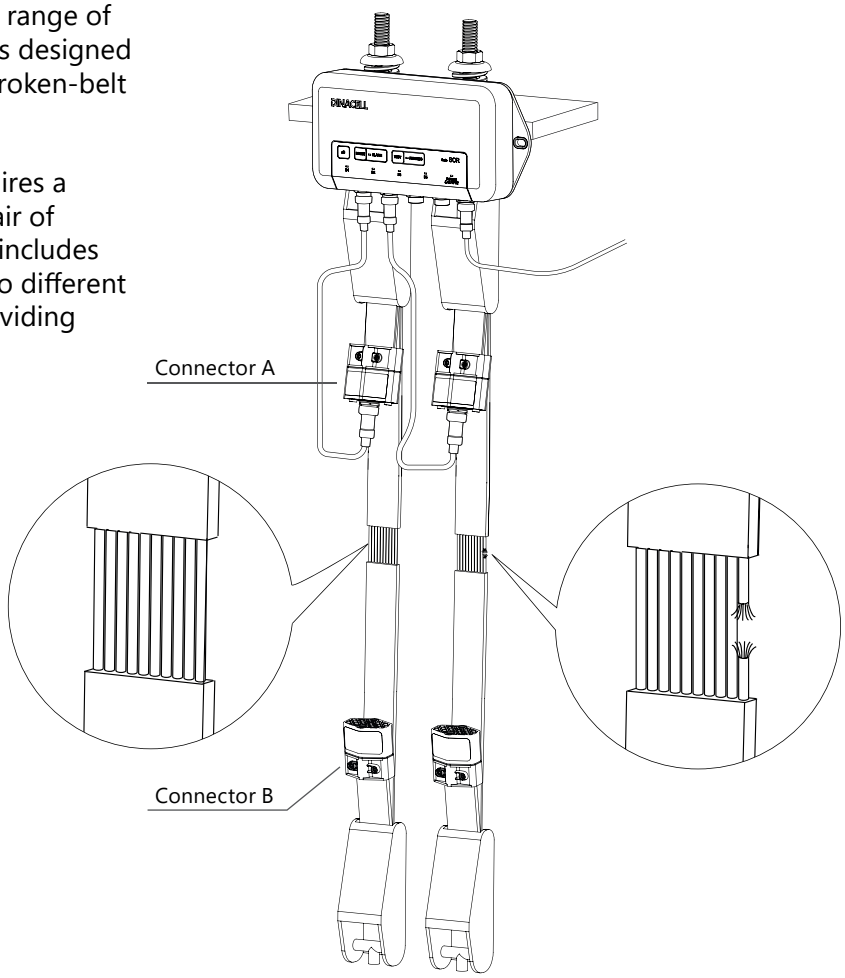
Connectors for Broken-Belt Detection in Elevators

More information

BCD-CC Broken-Belt Detection System

At Dinacell, we have developed a specialized range of BCD-CC (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-CC 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

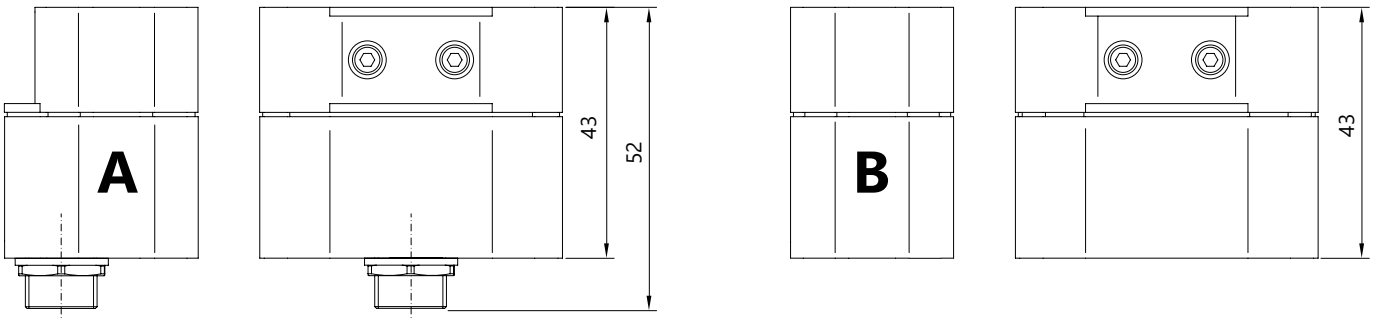
Parameter		Units	Specifications
Model		-	BCD-CC
Connection	Connector	-	GX12
	Contact	-	2
Protection class		-	IP50

Belts: compatibility and characteristics

Manufacturer's mark	Size (mm)	Cores	Pitch	Belt format	Model	Ref.
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 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
ELATECH	30X3.3	12	2.3		BCD-CC 3012-18	033188
CONTITECH ELATECH	30x3.3	12	2.45		BCD-CC 3012-4	030409
EHC	36x3.3	12	2.9		BCD-CC 3612-6	032229
CONTITECH	37.3x4.6	8	4.6		BCD-CC 3708-25	033915
XIOLIFT	37x3.3	12	3		BCD-CC 3712-7	032270
BRUGG TKE	44x3.5	14	3		BCD-CC 4414-9	032302
CONTITECH CONTITECH LCRCSB	48.5X4.7	10	4.6		BCD-CC 4810-24	033914
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	30x4.5	12	2.45		BCD-CC 3012-5	032062
MEGADYNE	40x4.5	16	2.5		BCD-CC 4016-8	032021
MEGADYNE	50x4.5	20	2.5		BCD-CC 5020-10	032019
MEGADYNE	60x4.5	24	2.5		BCD-CC 6024-12	031893
CONTITECH POLYROPE PB40	24.6x3.7	6	4.1		BCD-CC 2406-19	033323
CONTITECH POLYROPE	33x3.7	8	4		BCD-CC 3308-13	031822
CONTITECH POLYROPE PB40	49.2x5.2	12	4.1		BCD-CC 4912-21	033681

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)



Connection pigtails

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.				

Broken belt detection devices compatible

Device INSPEK

Ref.	Model	Input channel
026432	INSPEK4-5Ra	4
031547	INSPEK4-C	
031548	INSPEK4-Ca	
025004	INSPEK8-5Ra	8
031549	INSPEK8-C	
031550	INSPEK8-Ca	

Device SCR

Ref.	Model
029284	SCR

Device WBD-602

Ref.	Model
024560	WBD-602

For more information

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