



GE Interlogix

DETECTION PRODUCTS

ARITECH

DC Series Magnetic contacts

→ Flush mount



DC 105 Combination contact flush-surface mounting

Operating gap (max) 12 mm
 Connections 4 wires; 2.5 m
 Contact type NC
 Dimensions Contact : Ø 6 x 28 mm (L)
 Magnet : Ø 6 x 31 mm (L)
 Housing : 50 x 9 x 9 mm (L x W x H)

Colour Beige



DC 106 Standard gap with flange

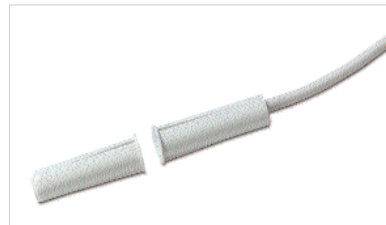
Operating gap (max) 12 mm
 Connections 4 wires; 2 m
 Contact type NC
 Dimensions Ø 19.33 x 9.5 mm (L x H)
 Colour Beige
 Mounting screws Supplied



DC 120 Stubby press-fit, wide gap

Operating gap (max) 18 mm
 Connections 4 wires; 2.5 m
 Contact type NC
 Dimensions Contact : Ø 9 x 19 mm (L)
 Magnet : Ø 9 x 19 mm (L)

Colour Beige



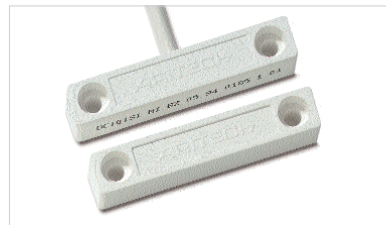
DC 121/127 Press-fit

	DC 121	DC 127
Operating gap (max)	12 mm	31 mm
Connections	4 wires; 2 m	4 wires; 2 m
Contact type	NC	NC
Dimensions	Ø 11 mm x 33 mm (L)	
Colour	Beige	



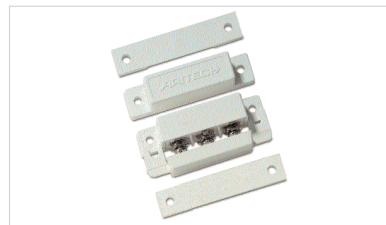
	DC 107	DC 124	DC 125
			Biased for high security
Operating gap (max)	9 mm	9 mm	12 mm
Connections	4 wires; 2.5 m	5 wires; 2.5 m	5 wires; 2 m
Contact type	NC	CO	CO
Dimensions		Ø22 x 39 mm (L)	
Colour		Beige	

→ Surface mount



DC 101/103 Screw mount with wires

	DC 101	DC 103
		Biased for high security
Operating gap (max)	15 mm	15 mm (min); 31 mm (max)
Connections	4 wires; 2.5 m	
Contact type	NC	
Dimensions (L x H x D)	50 x 9 x 9 mm	
Colour	Beige	



DC 102/102B/123/137/104 Screw terminal

	DC 102	DC 102B	DC 123	DC 137	DC 104
Operating gap	18 mm	18 mm	18 mm	37 mm	9 mm (min) 31 mm (max)
Contact type	NC	NC	CO	NC	CO
Connection			Screw		
Dimensions			63 x 12 x 19 mm		
Colour	Beige	Brown	Beige	Beige	Beige



DC 202/134/203 Designer style with screw terminals

	DC 202	DC 134
Operating gap (max)	18 mm	37 mm
Connections		Screw
Contact type		NC
Dimensions	65 x 13 x 17 mm (L x W x H)	
Colour	Beige	



DC 141 Miniature self adhesive

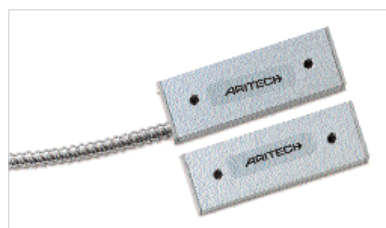
Operating gap (max) 25 mm
 Connections 4 wires; 2 m
 Contact type NC
 Dimensions 38 x 6 x 9 mm (L x W x H)
 Colour Beige



DC 116/142/143 Industrial screw terminal

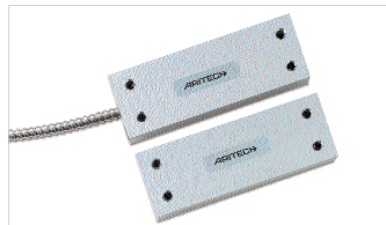
	DC 116	DC 142	DC 143
			Biased for high security
Operating gap (max)	31 mm	75 mm	9 mm (min); 31 mm (max)
Connections		Screw	
Contact type	NC	NC	CO
Dimensions		99 x 17 x 15 mm (L x W x H)	
Colour		Beige	

→ Overhead doors & Floor mount



DC 115/118 Aluminium housing, wide gap

	DC 115	DC 118
		Biased for higher security
Operating gap	9 mm (min); 62 mm (max)	75 mm (max)
Connections	5 wires; 2 m (armoured cable)	4 wires; 2 m (armoured cable)
Contact type	CO	NC
Dimensions		76 x 12 x 25 mm (L x W x H)
Housing		Anodized aluminium finish



DC 111 High security anodized alloy housing

Triple biased for higher security, with pry-off tamper

Operating gap 5 mm (min); 15 mm (max)
 Connections 6 wires; 2 m (armoured cable)
 Contact type CO
 Dimensions 88 x 19 x 38 mm (L x H x W)
 Housing Anodised alloy



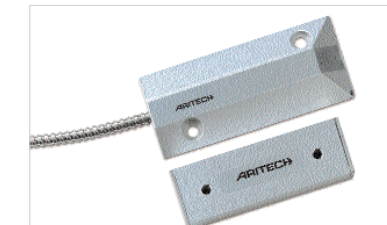
DC 108/140 Floor mounting contact

	DC 108	DC 140
Operating gap (max)	75 mm	
Connections	4 wires; 5 wires; 2 m (armoured cable)	
Contact type	NC	
Dimensions	Magnet : 89 x 39 x 39 mm (L x W x H) Contact : 89 x 39 x 10 mm (L x W x H)	
Housing	Aluminium	Anticorrosion finish



DC 109 Floor mounting contact - Extra heavy duty

Operating gap (max) 75 mm
 Connections 4 wires; 5 wires; 2 m (armoured cable)
 Contact type NC
 Dimensions Magnet : 76 x 25 x 12 mm (L x W x H)
 Contact : 89 x 39 x 10 mm (L x W x H)
 Housing Aluminium Bar Stock



DC 110 Floor mounting biased contact

Operating gap 19 mm (min); 63 mm (max)
 Connections 5 wires; 2 m (armoured cable)
 Contact type CO
 Dimensions Magnet : 89 x 39 x 39 mm (L x W x H)
 Contact : 89 x 10 x 39 mm (L x W x H)
 Housing Aluminium

→ Special application



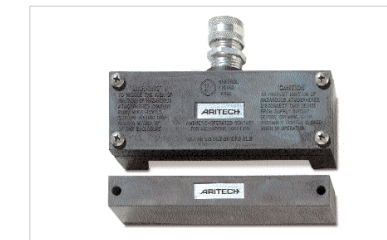
DC 113 Roller plunger

Mounting Vertical
 Connections 4 wires; 2 m
 Contact type NC
 Dimensions Ø 19 x 38 mm (L)
 Colour Beige



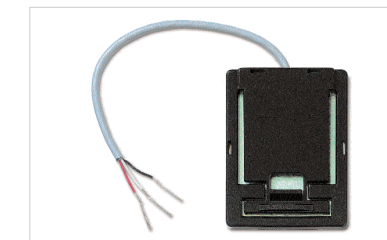
DC 114 Adjustable pin plunger

Connections 4 wires; 2 m
 Contact type NC
 Dimensions Ø 12 x 40 cm (L)
 Colour Beige



DC 136/132 Explosion proof contact

	DC 136	DC 132
		Biased for higher security
Operating gap	25 mm	6 mm (min); 25 mm (max)
Connections		Screw
Contact type		CO
Dimensions		Magnet : 146 x 38 x 20 mm (L x W x H) Contact : 146 x 38 x 50 mm (L x W x H)
Housing		Heavy duty die-cast aluminium with brown textured paint



DC 301 Money trap for cash register drawers

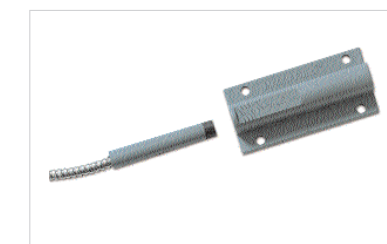
Removing all money from the tray, trips the contact

Contact type CO
 Dimensions 86 x 65 x 9 mm (L x W x H)
 Colour Black



DC 501 Mini-magnetic pull-apart cords

	DC 501
Mounting	Surface
Connections	4 wires; 2 m
Contact type	NC
Dimensions	Magnet : 50 x 16 mm (L x W) Contact : 38 x 7 mm (L x W)
Colour	Beige



DC 503/504 Heavy duty magnetic pull-apart cords

	DC 503	DC 504
Mounting		Surface
Connections	4 wires; 2 m (armoured cable)	5 wires; 2 m (armoured cable)
Contact type	NC	CO
Dimensions		Magnet : 57 x 31 mm (L x W) Contact : 87 x 11 mm (L x W)
Colour		Grey

Gap (mm)				
	Gap (mm)	Contact type	Description	
→ Flush				
Wire	DC 105	12	NC	Combination contact for flush /surface mounting
	DC 106	12	NC	With flanges for positive mounting
	DC 121	12	NC	Press Fit for easy installation; no screws or glue needed
	DC 127	31	NC	
	DC 120	18	NC	Stubby press-fit for thin-framed doors and windows
	DC 107	9	NC	Designed for steel doors
	DC 124	9	CO	
	DC 125	12	CO	Biased for high security
→ Surface				
Wire	DC 101	15	NC	Screw mount
	DC 103	15-31	NC	Biased for high security
	DC 141	25	NC	Miniature self-adhesive
Screw	DC 102	18	NC	Standard screw terminal
	DC 123	18	CO	
	DC 137	37	NC	
	DC 130	50	NC	Extra Wide Gap
	DC 202	18	NC	Low profile design with angled clamping terminals
	DC 134	37	NC	for quick connection
	DC 116	31	NC	Designed for use on steel doors
	DC 142	75	NC	
	DC 143	9-31	CO	Biased for high security
→ Floor mount				
Wire	DC 108	75	NC	Aluminium housing
	DC 140	75	NC	Special anti-corrosion finish
	DC 109	75	NC	Extruded aluminium housing for extra heavy duty
	DC 110	19-63	CO	Biased for high security
→ Overhead				
Wire	DC 111	5-15	CO	Triple biased for extra high security, with pry-off tamper
	DC 118	75	NC	Aluminium housing and armoured cable
	DC 115	9-62	CO	Biased for high security
→ Specialty				
Screw	DC 136	25	CO	Explosion proof for hazardous locations
	DC 132	6-25	CO	Biased for high security
Wire	DC 113	Plunger	NC	Vertical mounting
	DC 114	Plunger	NC	Adjustable pin
	DC 301	-	CO	Money trap for installation in cash register drawers
	DC 501	-	NC	Mini magnetic pull-apart cards to protect TV's, stereos, office equipment, etc.
	DC 503	-	NC	Heavy duty magnetic pull-apart cards to protect
	DC 504	-	CO	boats, barbecues, heavy equipment, etc.

DETECTION PRODUCTS		ARITECH
GE Interlogix		DC Series Magnetic contacts
→ Accessories		
		
DC 193 L-bracket for DC 102, DC 129	DC 1901 Empty shell for DC 101, DC 103, DC 105	
		
DC 1906 T Spacer for DC 102, DC 123, DC 130, DC 137, DC 104	DC 1906, DC 1906B Spacer for DC 101, DC 103, DC 105	
→ Technical data		
	Normally closed (NC)	Changeover (CO)
Contact type	Contact closed when magnet is in close proximity	Contact has common, open and closed side
Supply voltage (max)	100 V	30 V
Current consumption (max)	0.5 A	0.25 A
Operating temperature	Standard : -40° to +65° C Biased : -28° to +65° C	
Gap distances	Ratings are nominal and may vary ± 20 %. Ratings are distance for eed contact to "make". Break distance is approximately 1.1 to 1.5 times the "make" distance.	
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LFDC100 03 Rev.1 1002/UK CE Aritech reserves the right to change specifications without notice. Aritech is a trademark of GE Interlogix B.V.		

DETECTION PRODUCTS		ARITECH
GE Interlogix		DC Series Magnetic contacts
		
<ul style="list-style-type: none"> • Comprehensive product range • Superior quality • Easy installation • Standard 2 m wire length • Tamper loop provided • Built-in resistors available to special order 		
Durability and dependability	The Complete Range	
The DC series range of high performance magnetic contacts have been designed to facilitate installation and ensure durability and dependability. Most are conservatively rated at 10,000,000 cycles, guaranteeing a long life. Every reed connection is hand soldered and each magnetic contact is tested before they leave the factory, 100 % of the time.	We can offer you the right product and accessory for every application. Choose from our comprehensive range of flush, surface, overhead or floor mount contacts and you will be fully equipped to meet today's exacting requirements for residential, commercial and industrial applications.	
High Quality components and materials	High Security	
Reed legs are plated with rhodium or ruthenium, and hermetically sealed in dry nitrogen. This offers superior protection against sticking and provides a moisture free environment therefore preventing corrosion. All reed switches are encapsulated in an exclusive polyurethane potting compound which provides the critical balance between flexibility and maximum holding power. In the event that supporting material expands or contracts due to increased humidity or when drying out, the compound allows the contact housing to flex and bend and therefore prevents the reed from cracking. Moreover, it remains resistant to increases in temperatures, whereas some compounds can soften, causing reed migration which results in false alarms because the reed is pulled away from the magnet.	For high security installations, we provide a selection of biased contacts. Here, a small magnet (bias magnet) is attached to the reed switch which influences the reed to change state. The contact is now balanced, but only so long as the actuator magnet remains positioned in a specific zone. If the actuator magnet is moved closer or farther away from the reed or if an attempt is made to defeat the contact with an external magnet, the reed will change state and go into alarm. For extra high security, the triple biased DC 111 contact is available, which incorporates a pry-off tamper.	
		
DC series		