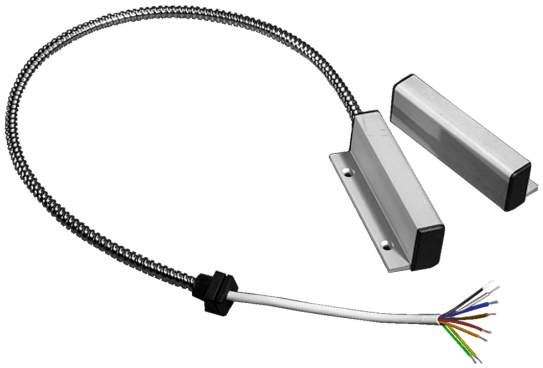
Roller Shutter Contact
Grade 2 Class III

Angled
Magnetic
Contact with
Integral Resistors



Features

ADIRSA-G2C3-MUL

GRADE 2 CLASS III

8 Core Cable & Integral Resistors

18" Armoured Fly Lead

Operating Gap: 35mm

Contact Dimensions: 80mm x 25mm x 27mm

Temperature Range: -40 to +50 °C

3 Years Warranty

UPC: 840049308206

PART #: ADIRSA-G2C3-MUL

For more information contact your ADI sales person or visit us at www.adiglobal.com

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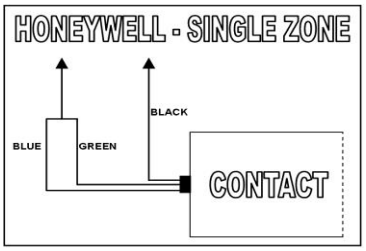
Operation: The contact will operate with a gap of approximately 35mm between the magnet and reed and will break at 45mm. This distance will vary near magnetic surfaces.

Installation: Fix the backplate to the mounting surface using the fixing holes provided. Ensure the distance between the magnet and contact is less than 35mm – ideally around 15mm. It is vital to ensure that the contact and magnet line up horizontally to within 5mm of each other. Fault issues will arise from misaligned units.

Single Zone Wiring: Connect your zone wires as shown in the table below. Where two colours are listed, they are intended to be joined together to form the zone wire. We recommend joining wires in a suitable junction box. A Honeywell (1k/1k) example is shown for reference.

PANEL	EOL	ALARM	Wiring to panel	
			Connection 1	Connection 2
Honeywell / Ademco	1k	1k	BLACK	GREEN & BLUE
Europlex (3GS & Aplex)	2k2	2k2	RED & YELLOW	GREEN & BROWN
Castle, Menvier, Pyronix (PCX), Scantronic, Texecom (Premier)	2k2	4k7	RED & YELLOW	GREEN & WHITE
Siemens & Aritech, Pyronix (Matrix)	4k7	4k7	YELLOW	GREEN & WHITE
Gardtec	4k7	6k8	YELLOW	GREEN
Guardall**	4k1	8k2	RED	GREEN



**For Guardall panels, join the blue and white wires together.

Shared Zone Wiring: Two ADIRSA-G2C3-MUL contacts can share a zone. For this setup, refer to the table and diagrams below. Using a suitable junction box for joining wires is strongly recommended.

PANEL	EOL	ALARM	Contact 1 wiring		Contact 2 wiring	
WIRING NOTE	-	-	ZONE WIRE(S)	JOIN THESE WIRES IN JUNCTION BOX		ZONE WIRE(S)
Honeywell, Ademco	1k	1k	Orange	Green & Blue	Black	Green + Blue
Europlex (3GS & Aplex)**	2k2	4k4	Orange	Green & Brown	Red & Yellow	Green & Brown
Castle, Pyronix (PCX), Texecom (Premier)	2k2	4k7	Orange	Green & White	Red & Yellow	Green & White
Siemens & Aritech, Pyronix (Matrix)	4k7	4k7	Orange	Green & White	Yellow	Green & White
Gardtec	4k7	6k8	Orange	Green	Yellow	Green
Guardall / Menvier/ Scantronic	See wiring diagrams					

**Europlex(3GS/Aplex) – also join the white wire of each contact to its own blue wire

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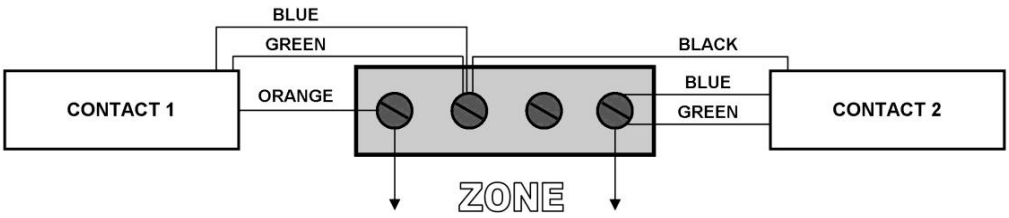
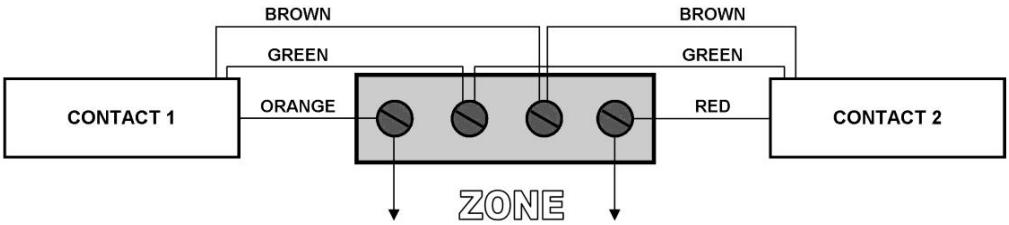
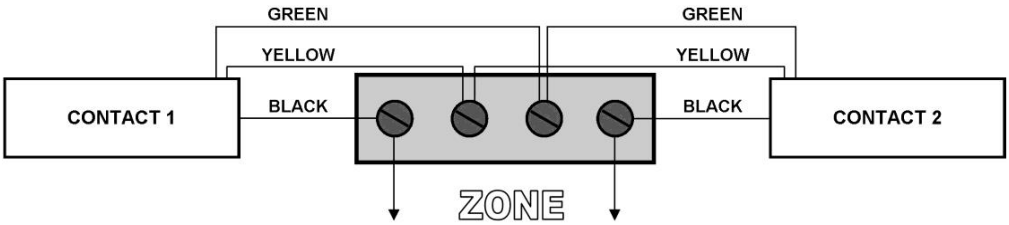
Wiring Examples – Honeywell



Guardall



Menvier/Scantronic/Cooper



Shared Zone Resistance Table

The following table shows the resistance across the zone in each situation. Ensure your panel will not fault/tamper on the following resistances:

PANEL	Contact 1 & 2 SET (closed)	Contact 1 OPEN	Contact 2 OPEN	Contact 1 & 2 OPEN
Honeywell / Ademco	1k	2k	2k	3k
Europlex (3GS & Aplex)	2k2	4k0	4k0	5k8
Castle, Pyronix (PCX), Texecom (Premier)	2k2	6k9	6k9	11k6
Siemens & Aritech, Pyronix (Matrix)	4k7	9k4	9k4	14k1
Gardtec	4k7	11k5	11k5	18k3
Guardall	4k1	7k5	7k5	8k6
Menvier/Scantronic	2k	6k	6k	7k6

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