



DiscoverBus™ Wireless Contact Sensor



A magnetically operated contact sensor
suitable for doors and windows.



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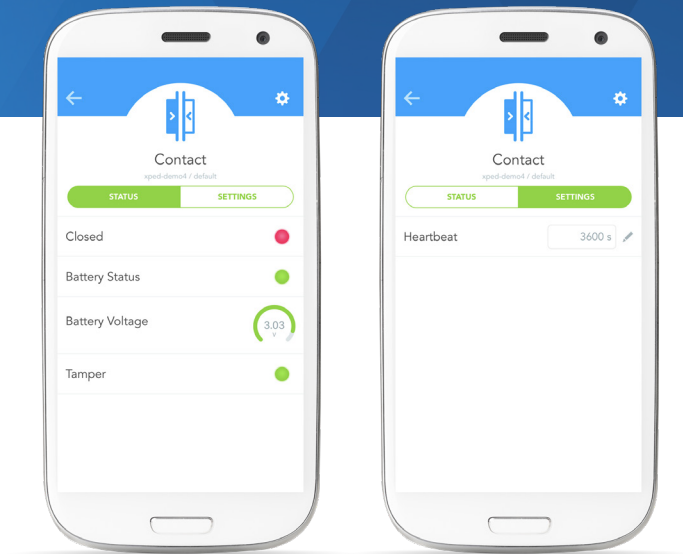
**RETAIL
SPACE**



**FACTORY
PLANT**

The contact sensor forms the basis of safety and security systems, being used to detect the opening or closing of doors and windows. The basic detection mechanism uses a magnet, commonly mounted on the door and a reed switch sensor on the door frame that closes when the magnet is within detection range. Opening the door moves the magnet out of range of the reed switch and the

open event is detected. An alert is transmitted on every state change, ensuring the state is always known. Contact sensors often use more power in one state than another and have slow response times to minimise consumption. However, this sensor has a unique circuit that ensures ultra-low power consumption irrespective of the open or closed state, while not compromising response times.



KEY FEATURES:

- > Commercial grade sensor
- > On site operation even without the Internet
- > Remote operation with the Internet
- > Fast install with onboarding to Gateway with one tap of an NFC phone
- > Nickname support
- > Tap using NFC phone to instantly jump to the control screen
- > LED flash locate function
- > State change alerts
- > Configurable heartbeat for periodic data
- > Battery voltage status checks and alerts
- > Tamper
- > Signal strength indicator
- > Ultra-low power in both open and closed state
- > Fast response times

SPECIFICATIONS:

Supply	3V Lithium Coin Cell CR2450
Onboarding	DiscoverBus NFC
Data Transport	DiscoverBus SubGHz
Operating Range	(-10 to 60) °C
Detection Range	15mm typical
Response Time	2 state changes /second typical
Current Consumption	5uA typical, irrespective of open or closed state @ 25 °C
Estimated Battery Life	Up to 5 years with 300 s state change period
Dimensions	(52 x 32 x 20) mm (including standard bracket)
Size Magnet	(52.2H x 14.3W x 18.0D) mm
Region	Australia, Singapore, Malaysia, USA
Model Number	DB-CON-101FBN



For more information, visit xped.com

Features and products are continuously being improved, as such specifications are subject to change without notice. Subject to stock holdings, product supply may incur standard manufacturing lead times to be quoted at time of enquiry. Products that utilise radio interfaces such as SubGHz, will be region specific and subject to availability on enquiry.

