



# DiscoverBus™ Wired 10A High Surge x1 Relay Actuator



A relay switching device using a mains rated, high surge capacity, ultra-low power latching relay for high turn-on current switching.



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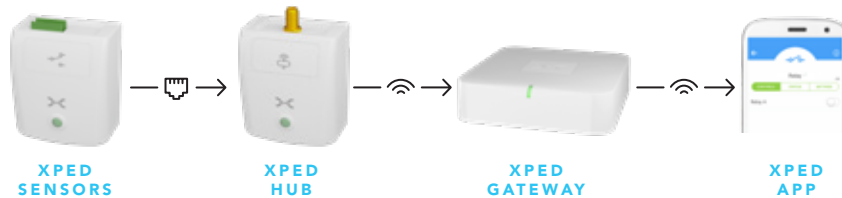
**RETAIL  
SPACE**



**FACTORY  
PLANT**

One of the most common elements in electrical systems is the relay. This relay is targeted at switching loads that have large initial turn-on surge currents, such as fluorescent lighting circuits. Additionally, conventional relays consume continuous current when switched on, however this product uses a latching relay that draws no current once switched. However one of the common shortfalls of latching

relays is the lack of feedback of the switched state. This device includes smart controls and smart switch state feedback circuitry that confirms the switched state of the relay; providing the benefits of a conventional relay without the power consumption. Although this relay is targeted at switching high surge lighting circuits, it can also be used equally well for general purpose switching.



## KEY FEATURES:

- > Commercial grade sensor
- > On site operation even without the Internet
- > Remote operation with the Internet
- > Fast install with DiscoverBus™ automatic onboarding to the Hub
- > Nickname support
- > Tap using NFC phone to instantly jump to the control screen
- > Automatic disconnect detect
- > LED flash locate function
- > Wired order determination
- > Configurable heartbeat for periodic data
- > Bus voltage status checks and alerts
- > Ultra-low power latching relays
- > Relay switch state feedback
- > High turn-on surge switching capacity

## SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Contact Arrangement	1 Form A, SPST
Rated Contact Voltage	250 VAC
Rated Contact Current	10 A
Limiting Making Current	Incandescent lamps 100 A peak Fluorescent lamps 160A peak at 140u Load (20,000 operations)
Breaking Capacity	4000 VA max
Consumption - Sleep	1 mA typical @ 25 °C
Consumption - Run	9 mA typical @ 25 °C
Dimensions	(61 x 48 x 32) mm (including standard bracket)
Region	Australia, Singapore, Malaysia, USA
Model Number	DB-RLY-110SSN



For more information, visit [xped.com](http://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.

