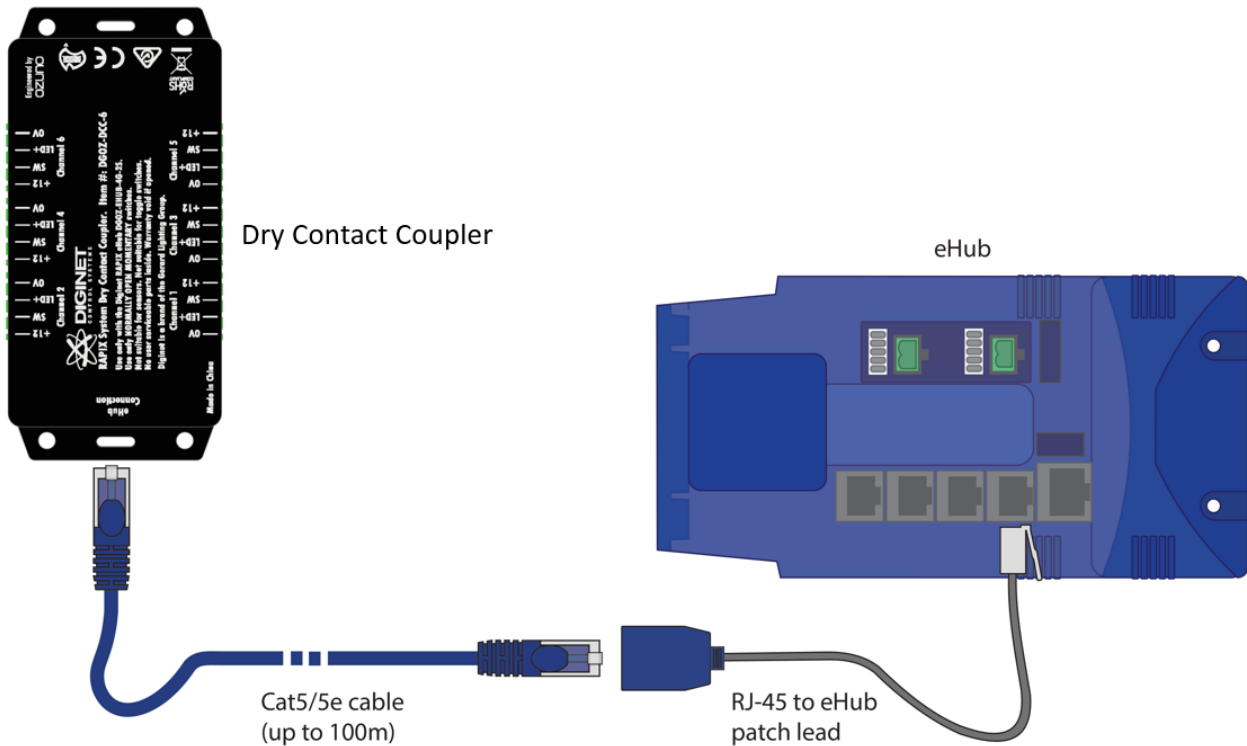
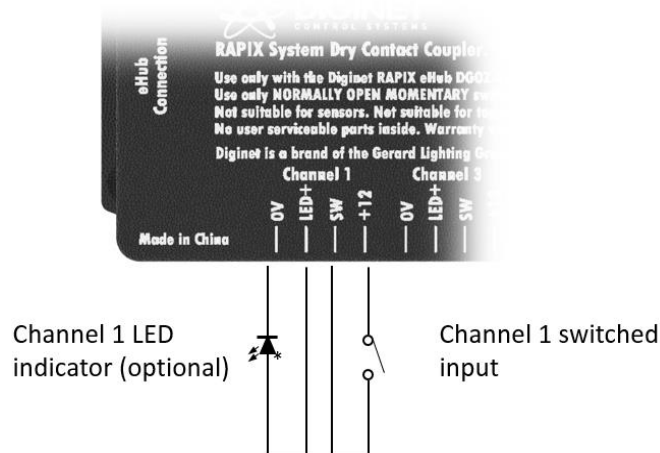


<b>Product Code</b>	DGOZ-DCC-6
<b>Overview</b>	<p>The RAPIX Dry Contact Coupler is used as part of a RAPIX Lighting Control System to allow up to six external momentary dry contact inputs to be used as part of a RAPIX system.</p> <p>The device connects to a RAPIX eHub via a Cat5/6 cable and is powered via the eHub. Each of the channel inputs includes provision for an optional status LED, with the status LED programmable for RAPIX Integrator software.</p>
<b>Features</b>	<p>Up to 6 momentary dry contact inputs.</p> <p>Connects directly to and is powered via a RAPIX eHub.</p> <p>RJ-45 connection to eHub (the eHub connection via a patch lead, supplied with DCC).</p> <p>Optional connection to external status LED for each input (LEDs not supplied).</p> <p>Each channel input includes a removable terminal block to assist installation and commissioning.</p> <p>Light and small, 240 g, 138 mm x 63 mm x 31 mm.</p> <p>SELV only, no mains segregation requirements.</p> <p>Screw holes and slots for easy mounting or tie-down.</p>
<b>Typical Applications</b>	Commercial buildings, Boardrooms, Hotels, Health care facilities, Education facilities, Homes.

**Connections**

**Wiring**

Momentary switches and an optional external LED indicator are wired to each channel as shown below.


**Important Notes:**

- Momentary switch mechanisms and optional LEDs are not supplied with the product.
- The device is suitable for use with N/O momentary switches only.
- The device is **not** suitable for latched (toggle) switches.
- The device is **not** suitable for use with occupancy sensors.

**Specifications**

Parameter	Specification
Input Voltage	12 V dc (supplied via RAPIX eHub)
Input Current	< 20 mA
Number of Dry Contact Inputs	6 non-isolated inputs
Maximum Distance Between Dry Contact Coupler and Switch Inputs	20 m
External LED Requirements	Suitable for LEDs with a $V_f \leq 3.1$ V 3.3 V supply Internal series resistor included on PCB
LED Status Indication	Selectable from RAPIX Integrator Software
Electrical Isolation Rating	SELV, as determined by installation of the eHub
Maximum Switch Resistance	100 ohms
Ambient operating temperature	0 to 50° C
Ambient storage temperature	-10 to 70° C
Humidity	0% to 95% RH non-condensing
Ingress protection	IP20
Materials	Flame retardant polycarbonate, UL 94V-0
Weight	240 g
Device Dimensions	See separate diagram

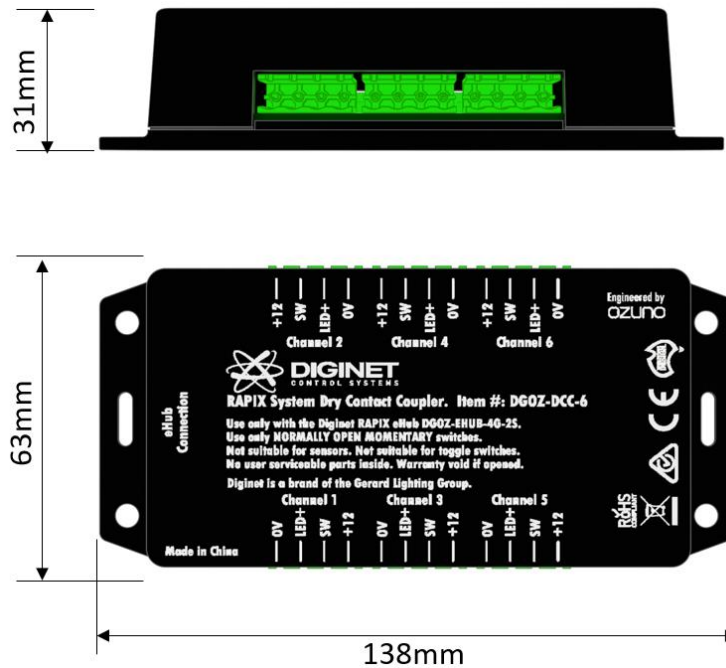
**Approvals & Compliance**


IP20

CE



 RoHS  
COMPLIANT


**Dimensions**

**Contact Information**

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This product includes a **TWO-YEAR WARRANTY** against manufacturing defects.

**RAPIX** is a trademark of Ozuno Holdings Limited and Gerard Lighting Pty Ltd.

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