

TECHNICAL DATA SHEET

Organic Response G3 Alarm Integration Box

FAGERHULT

Art. no: 86434

External box that enables override of lighting systems via potential-free contacts from external systems such as burglar alarms and fire alarms. Stand-alone sensor included.



This product makes integrations via potential-free contacts possible on all Organic Response enabled Luminaries. The Alarm integration Box converts the opening/closing contacts to be distributed through the Organic Response Infra red mesh network as scene commands.

Note that when using this product together with Zone x and wireless links, the message in Zone x risks of leaking to adjacent floors.

Max cable length between input unit and potential free button/switch is 50 cm.

TECHNICAL DATA

MATERIALS	Plastic: LG LUPOY SR3108FT (WU153) Metal: Zincaneal 0.60 mm Spring: Music Wire 1.0 mm
CUT-OUT DIMENSIONS	Ø 63.5 mm + 5 mm / - 0 mm
CEILING THICKNESS	Up to 30 mm (max)
ELECTRICAL SAFETY COMPLIANCE	AS/NZS 61347.2.11:2003 AS/NZS 61347.1:2016 IEC/EN 61347-12-11:2001 IEC/EN 61347-1:2015
EMC COMPLIANCE	EN 55015: 2015 EN 61547: 2009 ETSI EN 301 489-1 V2.1.1 (2017-02) ETSI EN 301 489-17 V2.2.1 (2012-09) ETSI EN 301 489-1 V3.1.1 (2017-02)
COMPLIES WITH EC DIRECTIVES	EMC Directive 2014/30/EU Radio Equipment Directive 2014/53/EU RoHS2 Directive 2011/65/EU
DIMMING	Logarithmic
SENSOR NODE (tc)	0 °C ... 55 °C
NODE TO NODE COMMUNICATION PROTOCOL - CONTROL	Wireless Infrared Organic Response
NODE TO NODE COMMUNICATION PROTOCOL - DATA	Wirepas - Wireless RF
RF FREQUENCY BAND	2.4 GHz
RF RANGE - NODE TO NODE	8 m - non LOS (max)
DETECTION AREA	2.7 m installation height - 5m Ø on floor
SENSOR TYPE	PIR

DEFAULT FUNCTIONS

CHANNEL / INPUT	ON CLOSING CONTACT	ON OPENING CONTACT
Input 1	ON / Auto	OFF (Scene 7)
Input 2	OFF (Scene 7)	ON / Auto
Input 3	ON / Auto	100 % (Scene 5)
Input 4	100 % (Scene 5)	ON / Auto