

TECHNICAL DATA SHEET

e-Sense Organic G3 I/O box

FAGERHULT

Art. no: 86413

External e-Sense Organic G3 sensor incl. Stand alone box with DALI PSU & Single channel relay unit



I/O box with a potential-free relay for controlling external units or to be used as a switched mains function. By default the relay closes upon presence. The I/O box can also control up to 4 DALI drivers.

TECHNICAL DATA

MATERIALS	Plastic: LG LUPOY SR3108FT (WU153) Metal: Zincanneal 0.60mm Spring: Music Wire 1.0mm
CUT-OUT DIMENSIONS	Ø 63.5mm + 5mm / - 0mm
CEILING THICKNESS	Up to 30mm (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 eSense Organic
NODE TO NODE COMMUNICATION PROTOCOL - DATA	Wirepas - Wireless RF
RF FREQUENCY BAND	2.4 GHz
RF RANGE - NODE TO NODE	8m - non LOS (max)
DETECTION AREA	2.7 m installation height - 5m Ø on floor
SENSOR TYPE	PIR
POTENTIAL-FREE RELAY	Max 16A, 230 VAC