NatureConnect

by ⓢignify

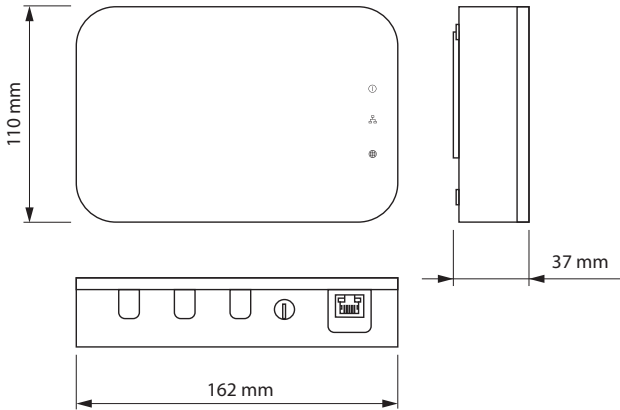# NatureConnect link

NatureConnect by Signify brings the benefits of natural light indoors.

NatureConnect link is the device that connects the NatureConnect luminaires to commonly used control systems like Interact. It allows these control systems to send simple commands in order to select a NatureConnect scene or change the brightness, while NatureConnect link takes care of executing the complex light recipes to the luminaires. In addition to NatureConnect luminaires based on DALI and DMX, it also supports DALI DT8 tunable white luminaires.

General Information

Ambient temperature range	0 to 35 °C
Storage temperature	-40 to 70 °C
Ingress protection code	IP20
Mech. impact protection code	IK02
CE mark	Yes
UL mark	Yes
Warranty period	5 years

Interfaces

Power supply connector	DC5.5
Ethernet	RJ45, 10/100Mbit, DHCP client
DMX	3-pole pluggable screw terminal, max. 1.5mm2
Max. DMX cable length	300 m
DALI IN	Compatible with DALI and D4i Control Devices 2-pole pluggable screw terminal
Max. DALI IN cable length	300 m; 15 m when using a sensor like SNS210
DALI IN power supply	Integrated, Can be disabled. 12 V - 20.5 V 52 mA guaranteed 60 mA max
DALI OUT	DA1, compatible with Nature-Connect luminaires DA2, compatible with DALI luminaires 4-pole pluggable screw terminal
Max. DALI OUT cable length	300 m
DALI OUT power supply	Integrated in both DA1 and DA2, 12 V - 20.5 V 128 mA guaranteed 140 mA max
Max. amount of DALI adresses	64 per DALI output
DC 0-10V CH1/CH2	150uA 10 V max
User controls	Push button, DIP switches, Rotary switches, Status LEDs

Electrical

Power supply input voltage	100-240 V AC
Input frequency	50 to 60 Hz
Input current	< 525 mA
Power plug	Exchangeable plugs for EU / NAM mains sockets
Maximum electrical power	15 W
Power factor	0.3
Power supply output voltage	24 Vdc SELV
Output current	< 875 mA
Real time clock	Mains / Battery powered Battery life: 2 years no supply / 10 years with supply
Insulation DALI IN	Double
Insulation DALI OUT	Basic
Insulation DC 0-10V	Basic
Insulation DMX	Double
Insulation LAN	Double

Mechanical and Housing

Dimensions (LxWxH)	162x110x37
Weight	0.3 kg
Housing material	ABS
Housing color	White RAL 9016

Product Data

910505103474	LP912P NC2 CONTENT GENERATOR

Open source statement
This product contains open source software. The written offer, the license texts and acknowledgements for open-source software used in this product are included in the electronic menu of the device, accessible by opening the IP address of the device via a web browser.