THORN

SENSA DMX G2 CONTROLLER BOX IP66
Pre-wired DMX controller kit in IP66 box
Art. No. 96222779

CE	UK CA	▢	IP 66	

↑ MOUNTING DIRECTION ↑

4 x holes diam. 4,5mm
238,5mm
163,5mm
180mm
205mm
255mm

Presentation

Stand-alone one universe DMX controller ready to use. Programmable with Nicolaudie ESA2 software. Supplied with USB cable. Can be completed with SENSA DMX G2 RDM SPLITTER 4CH.
Technical datasheet available on www.thornlighting.com

The IP66 box must have the cover closed with supplied screws, cable glands tightened, and empty cable glands equipped with shutters.
When removing the cable, the nut must be slightly unscrewed and left in place.
The system needs to be powered up constantly due to potential risk of the internal clock delay.

WARNING:

• DO NOT PERMANENTLY REMOVE THE NUT OR THE RUBBER OF CABLE GLANDS.

• THE PRODUCT MUST BE INSTALLED IN A VERTICAL OR HORIZONTAL POSITION WITH THE COVER / LABEL UPWARDS OR VERTICALLY. OTHER POSITIONS ARE NOT PERMITTED.
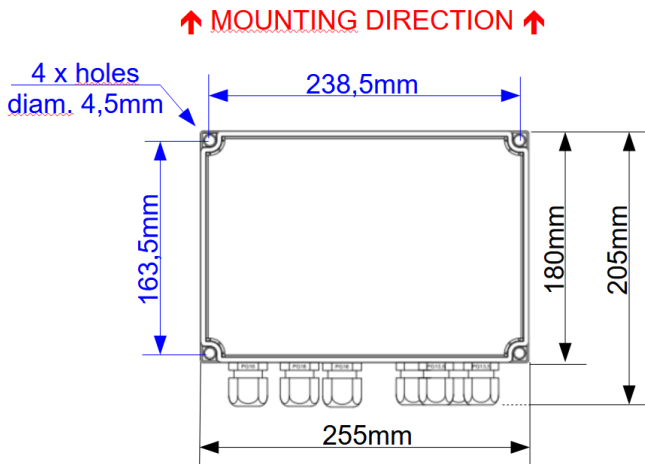
Product features
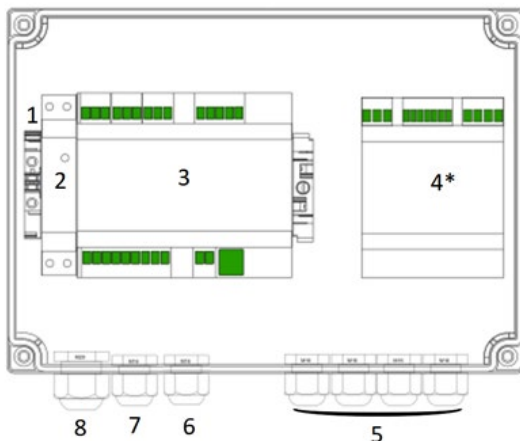
*to order apart

Pos.	Description
1	Ground screw terminal
2	SENSA DMX G2 POWER SUPPLY (Article number 96222782)
3	SENSA DMX G2 CONTROLLER
4	* SENSA DMX G2 RDM SPLITTER 4CH (Article number 96222781)
5	DMX output(s) cable glands – acceptable cable diameter : 5-10mm
6	DMX THRU output cable gland – acceptable cable diameter : 5-10mm
7	DMX input cable gland – acceptable cable diameter : 5-10mm
8	Mains input cable glands – acceptable cable diameter : 8-13mm

Technical Data

| Parameters	Value
Input Voltage	110 / 230 V AC – 50 / 60 Hz
Input power	< 15 W
DMX 512 Port	1 output (if no use of splitter option) 4 outputs (with use of splitter option)
Connections	Screw connectors for cable 2,5mm² maxi
Dimensions	255 x 205 x 100 mm (with cable glands)
Weight	1,17 kg
Operating temperature	0 to +40°C

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DMX Controller Connectors
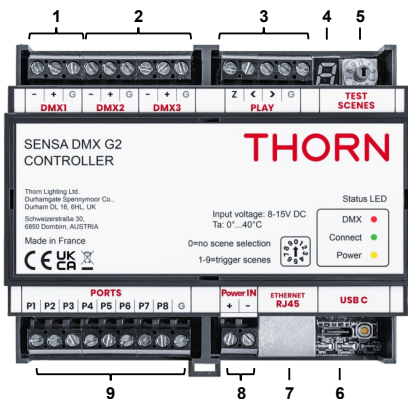
Pos.	Description
1	DMX output connector
2	Not used
3	Connectors for scene selection
4	Scene number and error number display
5	Scene tester switch
6	USB-C configuration connector
7	Ethernet RJ-45
8	8-15V DC power supply input
9	Dry contact input x8

Schematics
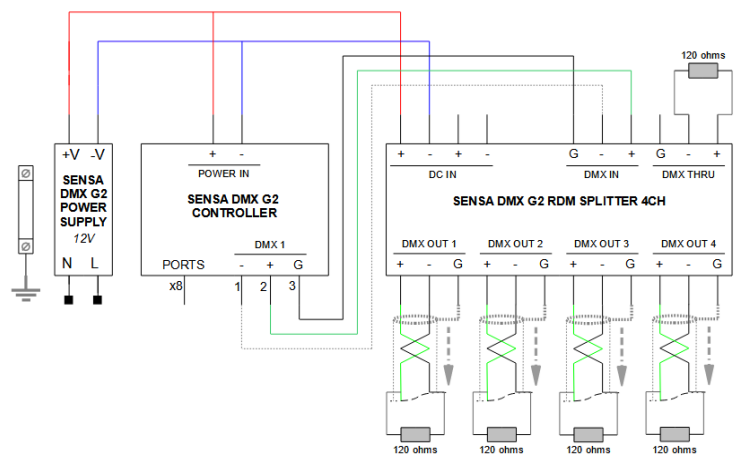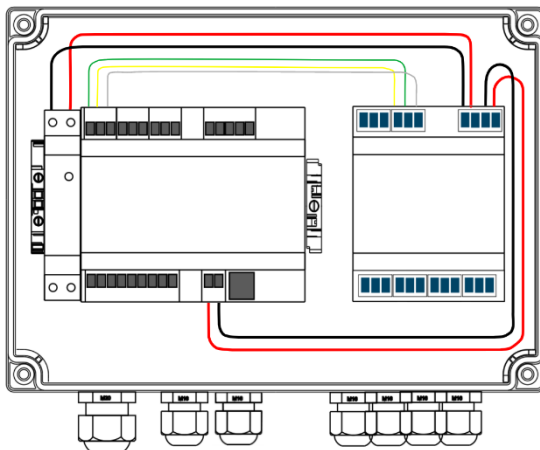
Example with SENSA DMX G2 RDM SPLITTER 4CH (Article number 96222781)

Pre-assigned scenes (RGBW 4CH fixtures)

Pos.	Scenario
1	Off
2	Slow change of colors
3	Red
4	Yellow
5	Green
6	Cyan
7	Blue
8	White

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Warnings

Electrical Installation and General Use:
- *Ensure that the electrical installation complies with current standards and is carried out by a qualified professional.*
- *Follow the installation manual instructions carefully.*
- *The manufacturer cannot be held responsible for damages resulting from non-compliant installation or use.*

II. General Safety Guidelines and Environmental Use:
- *Do not use during a thunderstorm.*
- *Do not connect your product while it is powered.*
- *Avoid performing maintenance operations, as this may void the warranty.*
- *Avoid contact with the equipment in humid conditions.*
- *Avoid disassembling or modifying the equipment.*
- *Do not use the equipment if it shows signs of damage.*
- *Avoid using damaged cables or accessories.*
- *Avoid transporting, covering, or cleaning the device while it is powered.*

III. Electrical Installation and Connection:
- *Ensure electrical protection is compliant with current standards.*
- *Read this technical sheet carefully to be informed about all electrical characteristics and use the equipment for its intended application.*
- *Install the equipment to prevent any risk of physical injury or other damage that may be caused by direct or indirect contact with people or animals.*
- *Check the supply voltage indicated in the documentation.*
- *Protect the device from dust, dirt, rain, humidity, and liquids.*
- *Use non-abrasive cleaning products.*
- *Shield the device from powerful magnetic fields.*
- *Place the device in secure environments, avoiding any tripping hazards with cables.*
- *Adhere to the specified operating temperature indicated in the documentation.*