ALDABRA

A1   SERIES CONNECTION FOR CONSTANT CURRENT LED

* Dimming signal

| IN   OUT |
| Power supply |

LED + -   LED + -   LED + -   LED + -

* Dimmable version

ON-OFF Power supply units

350 mA	500 mA
PSU.0023.0	PSU.0002.0
PSU.0024.0	PSU.0003.0
PSU.0025.0	PSU.0004.0
PSU.0026.0	PSU.0022.0
PSU.0027.0	PSU.0028.0
	PSU.0034.0

Dimmable power supply units

350 / 500 mA
PSU.0001.0
PSU.0030.0

B1   CONNECTION FOR 1 COB LED CONSTANT CURRENT

* Dimming signal

| IN   OUT |
| Power supply |

LED
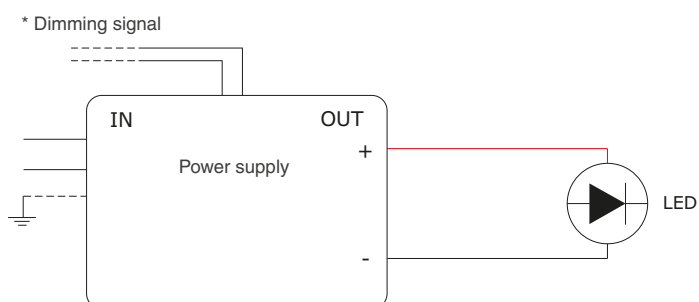
ON-OFF Power supply units

350 mA	500 mA
PSU.0023.0	PSU.0022.0
PSU.0024.0	PSU.0028.0
PSU.0025.0	PSU.0034.0
PSU.0026.0	

Dimmable power supply units

350 / 500 mA
PSU.0001.0
PSU.0030.0

CONNECTION DIAGRAMS

C1 **PARALLEL CONNECTION FOR CONSTANT VOLTAGE POWER SUPPLY** (two wires lighting fixtures)
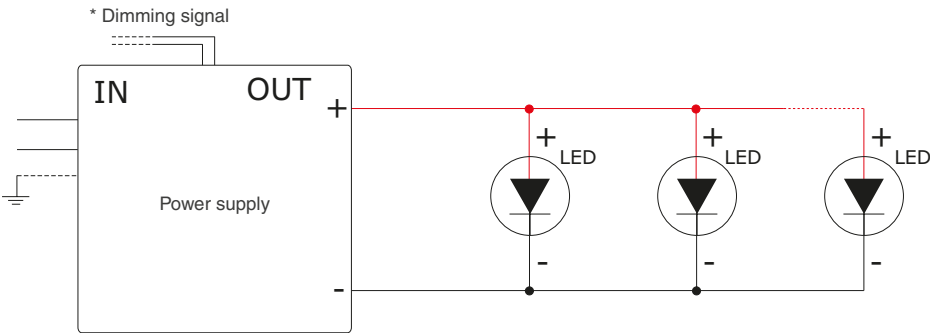
* Dimming signal

IN   OUT
+

Power supply

-
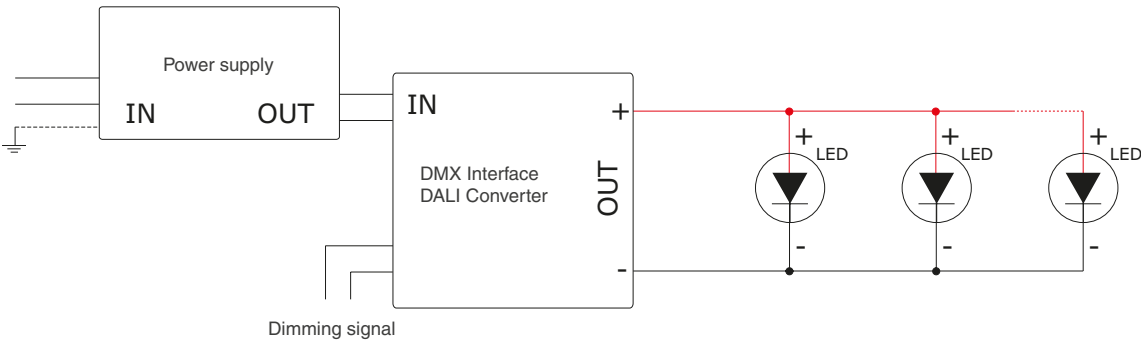
LED   LED   LED

* Dimmable version

ON-OFF Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0017.0
PSU.0018.0
PSU.0020.0
PSU.0021.0

Dimmable power supply units

24 Vdc

PSU.0001.0
PSU.0030.0
PSU.0050.0

C2 **PARALLEL CONNECTION FOR 24 Vdc DIMMABLE MONOCHROMATIC SYSTEMS** (two wires lighting fixtures)

Power supply

IN   OUT

IN   +

DMX Interface
DALI Converter

OUT

-

LED   LED   LED

Dimming signal

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
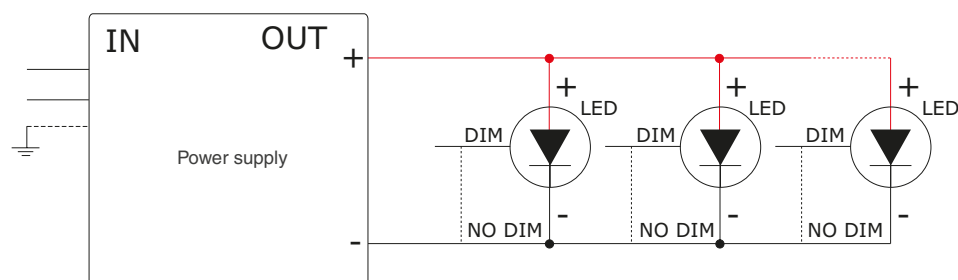PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

D1 PARALLEL CONNECTION FOR CONSTANT VOLTAGE POWER SUPPLY DIMMABLE (three wires lighting fixtures)

* Dim fIxtures: connect the DIM cable to DMX/DALI interface output (see K1 dagram for instance).
Remark: In case of non-dimming connect the DIM cable to the negative

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
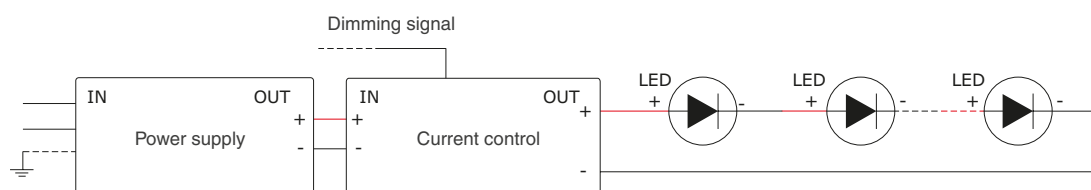PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

E1 SERIES CONNECTION WITH CURRENT CONTROL FOR CONSTANT CURRENT LED

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
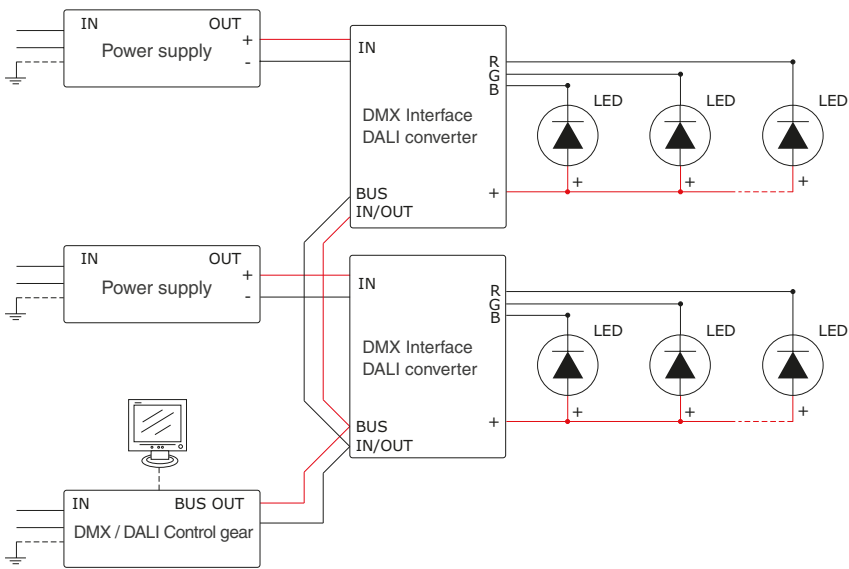PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

**Current control
350 mA**

ECG.0012.0

**Current control
500 mA**

ECG.0014.0

CONNECTION DIAGRAMS

ALDABRA

I1 **DMX/DALI - PARALLEL CONNECTION FOR MONOCHROMATIC SYSTEMS** (two wires lighting fixtures)

* PC only needed for programming

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

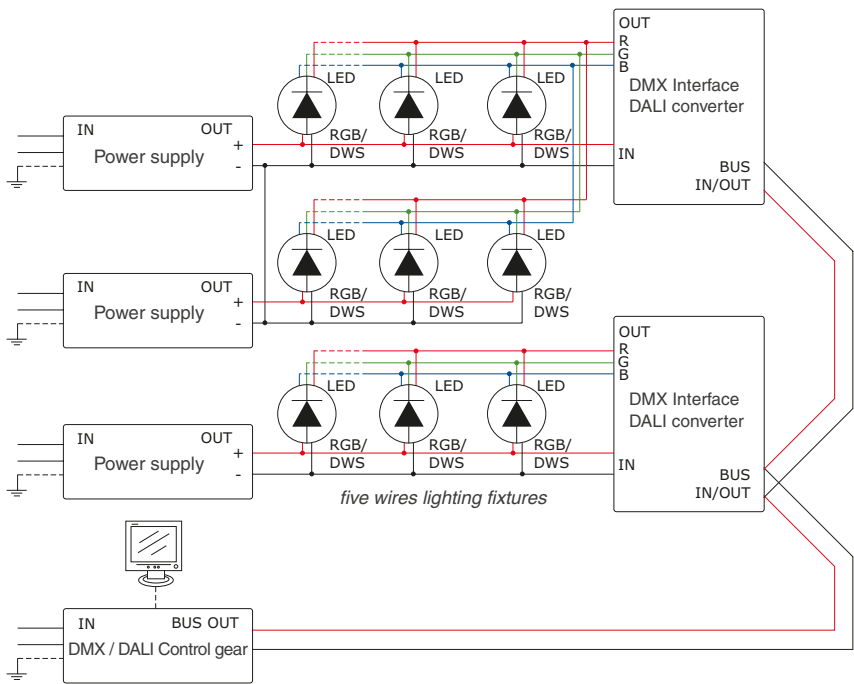ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

J1 **DMX/DALI - PARALLEL CONNECTION FOR RGB/DWS 24 Vdc DIMMABLE SYSTEMS** (five wires lighting fixtures)

five wires lighting fixtures

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

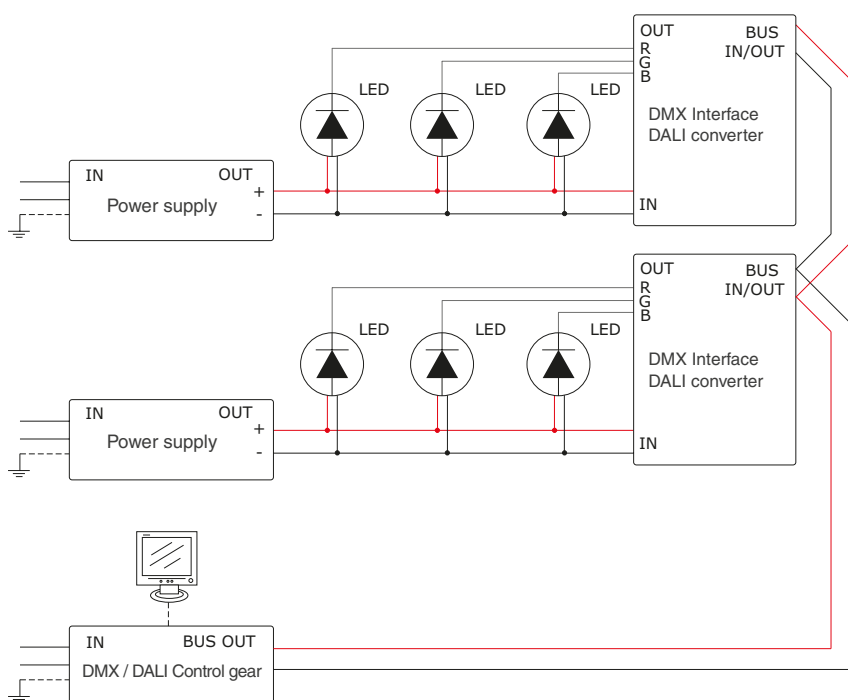ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

ALDABRA

K1 DMX/DALI
PARALLEL CONNECTION FOR 24 Vdc DIMMABLE MONOCHROMATIC SYSTEMS (three wires lighting fixtures)

* PC only needed for programming

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
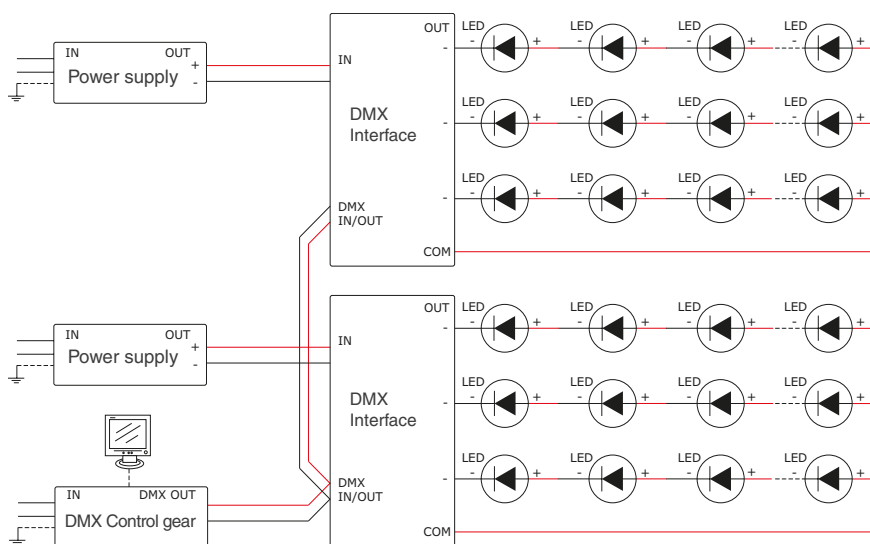PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

L1 DMX - SERIES CONNECTION FOR CONSTANT CURRENT LED

* PC only needed for programming

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
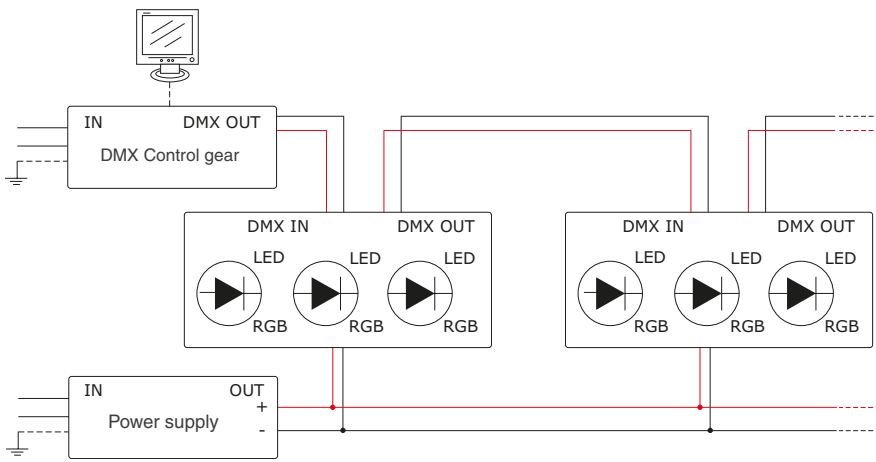PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

**DMX interface
350 mA**

ECG.0005.0

**DMX interface
500 mA**

ECG.0008.0

CONNECTION DIAGRAMS

ALDABRA

M1 DMX - PARALLEL CONNECTION FOR RGB MOVE SYSTEMS

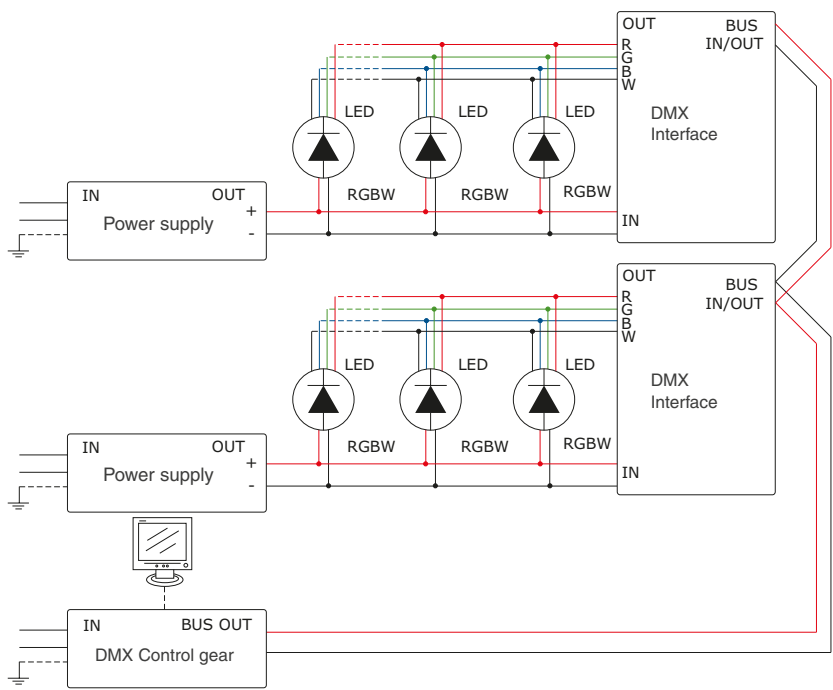**Power supply units**

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

* PC only needed for programming

N1 DMX - PARALLEL CONNECTION FOR RGBW 24 Vdc DIMMABLE SYSTEMS (six wires lighting fixtures)
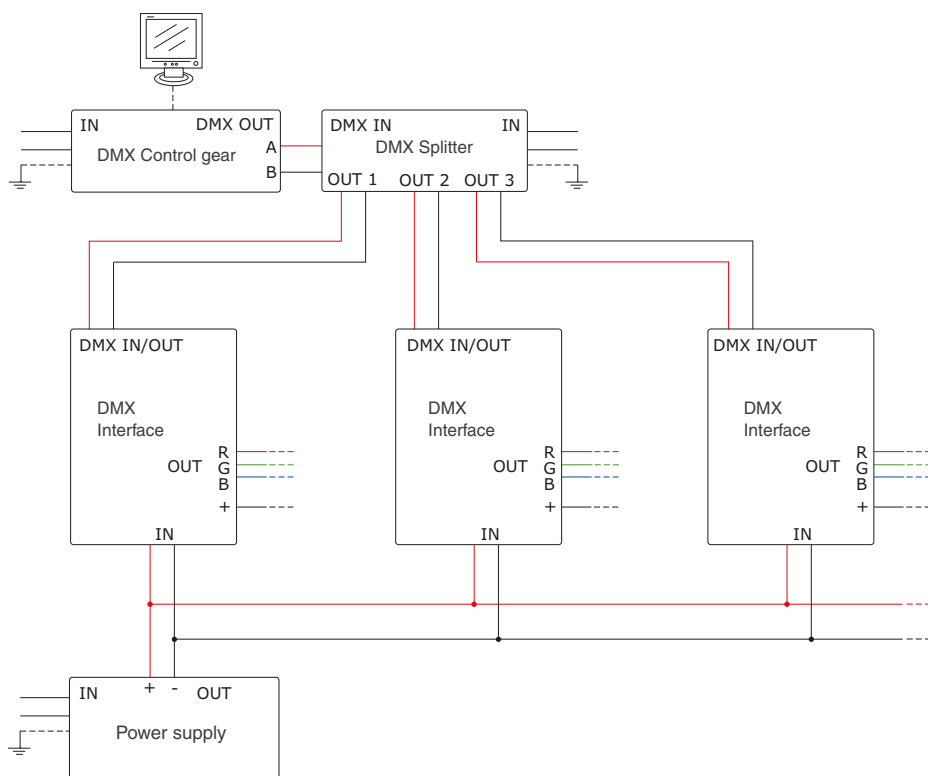

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0007.0
ECG.0034.0

* PC only needed for programming

O1   DMX - SPLITTER CONNECTION

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX Splitter

ECG.0010.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

* PC only needed for programming

R1   DMX/DALI - PARALLEL CONNECTION FOR RGB SYSTEMS (four wires lighting fixtures)

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
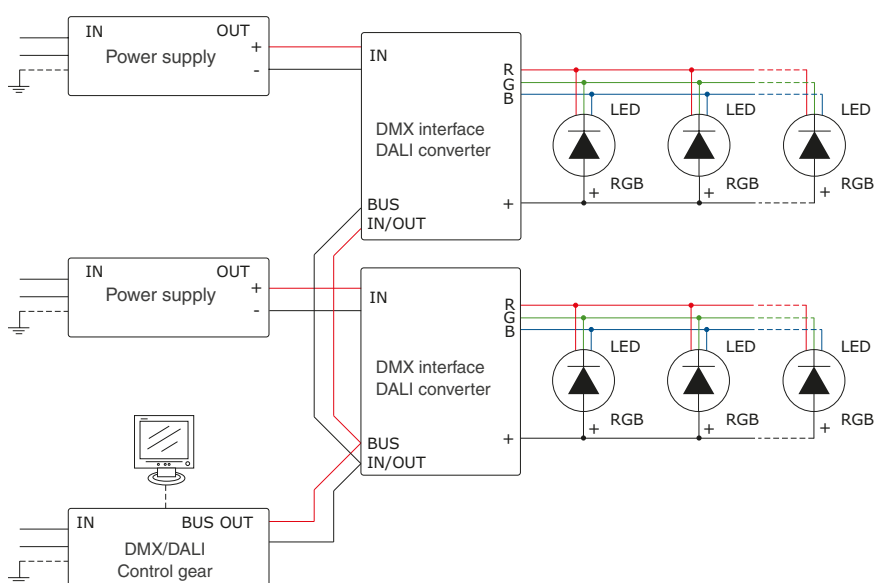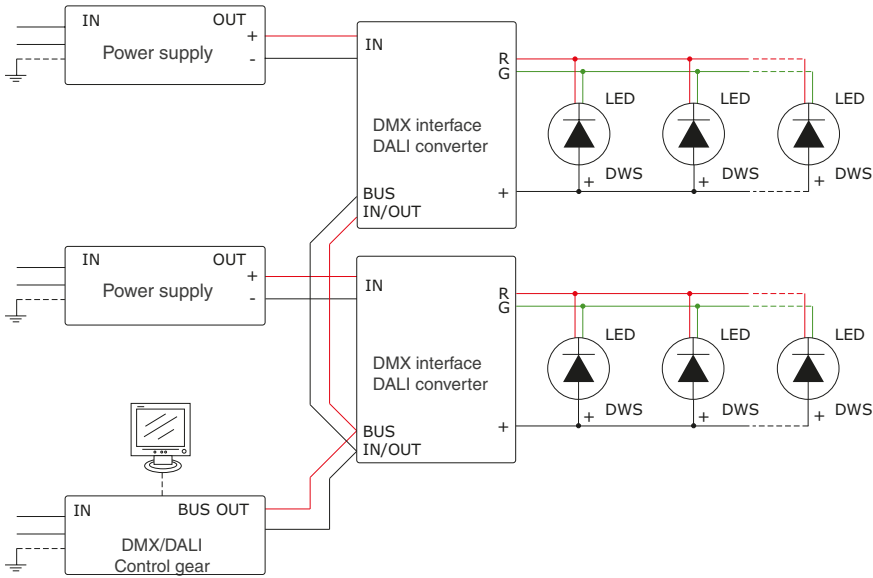PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

* PC only needed for programming

CONNECTION DIAGRAMS

ALDABRA

S1 **DMX/DALI - PARALLEL CONNECTION FOR DWS SYSTEMS** (three wires lighting fixtures)

* PC only needed for programming

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
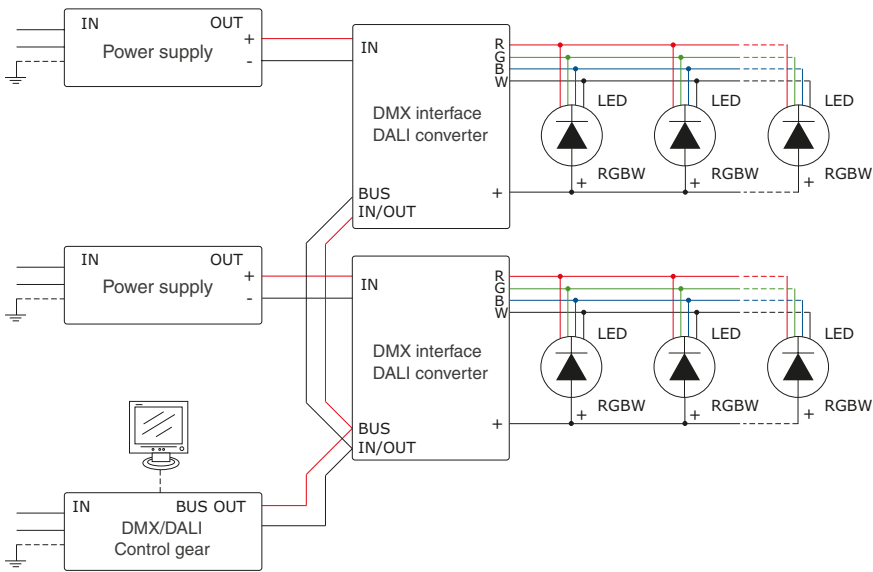PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

T1 **DMX/DALI - PARALLEL CONNECTION FOR RGBW SYSTEMS** (five wires lighting fixtures)

* PC only needed for programming

Power supply units

24 Vdc

PSU.0005.0
PSU.0006.0
PSU.0007.0
PSU.0008.0
PSU.0009.0
PSU.0010.0
PSU.0011.0
PSU.0012.0
PSU.0013.0
PSU.0014.0
PSU.0015.0
PSU.0016.0
PSU.0021.0

DMX interface

ECG.0006.0
ECG.0011.0
ECG.0034.0

DALI converter

ECG.0028.0
ECG.0035.0

ALDABRA

U1   Art-Net - PARALLEL CONNECTION FOR RGB MOVE SYSTEMS