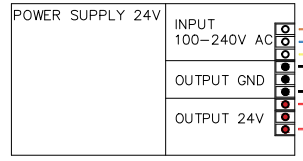
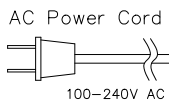
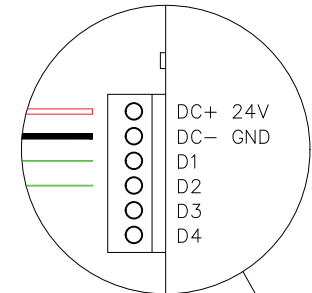


To next DiGidot C4  
Up to 10 DiGidot C4's can  
be daisy chained



DETAIL A  
SCALE 4:1



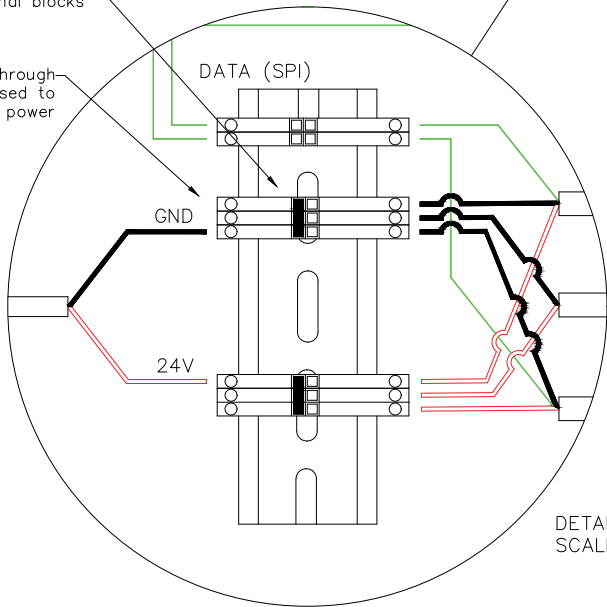
DETAIL A

DiGidot C4 Live / Extended  
(2010X / 2020X)

2x SPI Signal over  
0,75mm<sup>2</sup>

DETAIL B

DETAIL B  
SCALE 3:1



Starter cable

Power injector cable

Starter cable

The first connector coming  
from the DiGidot C4 should  
always be a female connector

To next set Liners

Connection example  
2x WAGO®2-Conductor Connector

Junction box

INPUT

OUTPUT

Up to 14 pieces can be daisy-chained on 1 output of the  
DiGidot C4 Live 4

After 7 pieces a new power line is necessary  
A new powerline can be made by using an Y-split as shown  
here  
Each liner has 12 Pixels (12x3=36 channels for 1 Liner)  
510/36 = 14 Liners in 1 DMX universe  
Note: These specifications are based on the use of the 1  
meter version of the T-Series if longer versions are used  
specifications have to be changed accordingly

Length of LED you can connect to 1 power  
supply:  
Power consumption pixelstrip per meter  
divided by  
the total power of the power supply

For example:  
Power consumption T-Series liner: 18W/meter  
Power supply: 320W  
320W/18W = 17 liners

Because of voltage drop you cannot connect  
17 Liners on 1 powercable  
→ For this Liner you can connect  
on 1 powercable:  
7 fixtures

Cable Coding

| Color  | Function   |
|--------|------------|
| Brown  | L          |
| Blue   | N          |
| Yellow | PE         |
| Red    | V+         |
| White  | V-         |
| Green  | DATA (SPI) |

Recommended cable lengths

|                             |            |                                             |
|-----------------------------|------------|---------------------------------------------|
| Maximum length from A to B  | 100 meters | Cat 6 STP                                   |
| Maximum length from C to D  | 0.5 meters | 24V Power Cable 2x1mm <sup>2</sup> (70103R) |
| Maximum length from D to E* | 5 meters   | 3x0,75mm <sup>2</sup>                       |
| Maximum length from C to F  | 5 meters   | 24V Power Cable 2x1mm <sup>2</sup> (70103R) |

\* Length can be extended by the use of the DiGidot TX-RX kit (see [www.digidot.eu](http://www.digidot.eu) for more information)

Maximum 1 meter T-liners on 1  
DiGidot C4

| C4         | Fixtures | Article Nr. |
|------------|----------|-------------|
| Extended 1 | 14       | 20201       |
| Extended 2 | 28       | 20202       |
| Extended 4 | 56       | 20203       |
| Extended 8 | 112      | 20204       |
| Live 4     | 56       | 20101       |
| Live 8     | 112      | 20102       |
| Live 12    | 168      | 20103       |

|                                                                 |       |      |           |                                  |
|-----------------------------------------------------------------|-------|------|-----------|----------------------------------|
| A3                                                              |       | NAME | DATE      | InventDesign                     |
|                                                                 | DRAWN |      | 28-5-2018 |                                  |
|                                                                 | CHK'D |      |           |                                  |
| UNLESS OTHERWISE<br>SPECIFIED: DIMENSIONS<br>ARE IN MILLIMETERS | REV   | 1.0  |           | TITLE: WIRING DIAGRAM            |
| BASIC SETUP T-SERIES<br>72LED'S P/M                             |       |      |           | PRODUCT: 35552                   |
|                                                                 |       |      |           | SCALE: NOT TO SCALE SHEET 1 OF 1 |

Please contact you're local InventDesign representative for project  
consultation

Note: If different setups or cable lengths are necessary you can  
always contact InventDesign and get advice for your particular  
setup

Disclaimer: No rights can be derived from the information provided  
on this sheet  
Products can only be installed by professional installers