

DUAL OUTPUT ADAPTER FROM ORCAVE 313-112 AND 313-113 TO CAT6 CABLES

# ORCAVE

## 313-LD-48/LIN CAT

Basic output adapter between the Orcave 313-112 or 313-113 switching element and the SMART-type lamp, or other appliances and sensors that can be powered or controlled from the switching element. It is designed for CAT6 cabling.



# Output Connector Parameters

|                  |                  |
|------------------|------------------|
| Connector type   | RJ-45 male       |
| Cable type       | CAT min. class 6 |
| Max current load | 4A / 48V         |
| Protection       | IP68             |

# Variants

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Overview of valid combinations | for different types of cabling and lighting |
|--------------------------------|---------------------------------------------|

# Combination for SMART with CAT6

|                       |                            |
|-----------------------|----------------------------|
| Source Adapter        | 313-LD-48/LIN CAT          |
| Source-cable jumper   | RJ45-RJ45                  |
| Connecting cable      | CAT min class 6            |
| Cable-lamp jumper     | RJ45-RJ45                  |
| Output from luminaire | CAT6 terminated with RJ-45 |

## Combination for SMART with CYKY 3x1.5

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Transition from source</b> | 313-LD-48/LIN CYKY                   |
| <b>Source-cable jumper</b>    | CYKY-3-CYKY / 12mm                   |
| <b>Connecting cable</b>       | CYKY typically 3x 1.5mm <sup>2</sup> |
| <b>Jumper cable-lamp</b>      | CYKY-3-CYKY / 12mm                   |
| <b>Output from lamp</b>       | CYKY cable                           |

## Combination for ADVANCED with CYKY 5x1.5

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| <b>Adapter from the source</b> | no, the Orcave 303-111 LD source ends with a 5-core cable |
| <b>Jumper source-cable</b>     | CYKY-5-CYKY / 14mm                                        |
| <b>Connecting cable</b>        | CYKY typically 5x 1.5mm <sup>2</sup>                      |
| <b>Cable-lamp jumper</b>       | CYKY-5-CYKY / 14mm                                        |
| <b>Output from the lamp</b>    | CYKY 5-core cable                                         |

## Design

The adapter is equipped with a 12-pin connector from the manufacturer for insertion into the control element Orcave 313-112 or 313-113. 2 color-coded CAT6 cables (licna) with RJ-45 connectors come out of the connector. The black cable is intended for powering the SMART type lamp, the blue cable for other sensors and appliances (see the functions of the Orcave 313-112 and 113 control elements). Both cables are terminated with Orcave RJ45-RJ45 connectors for easy cabling.

## Functions

This is a basic adapter for SMART Miracle lamps. It greatly simplifies installation, prevents errors, allows working with cabling even at low temperatures and easily applies extended functionality.