

ORCAVE

313-LD-48/LIN CYKY

The adapter is used in installations where a classic 3-core CYKY cable is installed between the SMART-type luminaire and the control element. We do not recommend this solution for SMART lights, because due to the complexity of the assembly, it introduces the possibility of error (rotation of the voltage polarity, bad contact of the control wire, etc.) and is only indicated for cases of overhaul of older installations.



Output Connector Parameters

Clamps	3, screw fixing with a flat groove
Vein cross-section	0.5 - 2.5mm ²
Cable diameter	9 - 12mm
Cable type	typically CYKY, it is also possible to use a bran-coated face
Max current load	16A per terminal for 450V
Protection	IP67
Material	PA66
Length	170mm

Variants

Overview of valid combinations	for different types of cabling and lighting
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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

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

Combination for ADVANCED with CYKY 5x1.5

Adapter from the source	no, the Orcave 303-111 LD source ends with a 5-core cable
Jumper source-cable	CYKY-5-CYKY / 14mm
Connecting cable	CYKY typically 5x 1.5mm ²
Cable-lamp jumper	CYKY-5-CYKY / 14mm
Output from the lamp	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. The short connecting cable is terminated in a 3-pin waterproof connector, into which the cable is correctly inserted, e.g. CYKY 3x1.5mm².

Functions

We do not recommend this switch for normal use. In the overview, we present it for the case when, either for conservatively traditional reasons, the installer wants to use a 3-core CYKY cable for SMART lights, or it is a case of refurbishing old lights in lighting locations where he does not want to remake the existing CYKY cabling.