

SPLITTER FOR CYKY CABLES 3X UP TO 2.5MM

ORCAVE

CYKY1-3-CYKY2 / 12MM

The fork is used in cases where CYKY cabling is used for SMART lights and it is necessary to connect other sensors or appliances from the control element.



Parameters

Clamps	3, screw fixing with a flat groove
Vein cross-section	0.5 - 2.5mm ²
Cable diameter	9 - 12mm
Output	the sealing O-ring allows the output of 2 thinner cables, the connected cores of which must fit into the terminals, i.e. the maximum cross-section will be 1.2mm ² / core
Cable type	typically CYKY, but at the output a bran-coated cable is more suitable
Max current load	16A per terminal for 450V
Coverage	IP68, up to 4m
Material	PA66
Dimensions	80 x 25mm

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 cable is passed through the tightening neck and sealing O-ring. The veins need to be suitably shortened, stripped and shaped. After inserting the wires into the central part of the jumper, the screws are fixed and the tightening neck is properly tightened. At the outlet, thinner flanges are used, which are passed through the sealing O-ring and then connected by a tube. The design has an IP68 degree of protection, i.e. withstands immersion in water. The actual material from which the jumper is made shows excellent resistance to mechanical damage or various chemicals. It is permanent, does not age and its properties do not change depending on the surrounding atmospheric conditions.

Functions

This is a less common division of a three-core cable into two. Typical use is for SMART lights that are controlled via the LIN bus. If the same bus is used in the vicinity of the light fixture to control other appliances and the installation is carried out with the help of CYKY/CYSY cables, it is advisable to apply this connector. 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. This jumper is used for the output terminal 313-LD-48/LIN CYKY. However, it is necessary to specify that the lamps also have an output terminal for the CYKY cable.