

# Operating instructions for LSA connection boxes

21.99.3048 VALUE Junction Box Cat.6A (Class EA), UTP

21.99.3049 VALUE Junction Box Cat.6A (Class EA), STP

Read the operating instructions completely and carefully. It is part of the product and contains important instructions for use. Save this document. The component may not be modified electrically.

## Safety instructions



Be careful, risk of falling	Please install the product and the devices attached to it in such a way that no people or things can be injured or damaged, for example by falling or stumbling.
Danger from self-interference and misuse	Do not change or modify the product, product parts or accessories! Do not short-circuit connections and circuits.
Risk of injury from stumbling and falling	Place, install and transport product, product parts and accessories safely.
Risk of injury due to unsuitable environmental conditions	Not suitable for children and people with physically and/or mentally limited abilities. Use only when dry. Avoid stress such as heat and cold, moisture and direct sunlight as well as vibrations and mechanical pressure.
Property damage due to inappropriate procedures or property damage due to incompatible product combinations	Compare technical data of all products used. These must match or be within the specified range. Only use the product, product parts and accessories if they are in perfect condition.

Point 1 – Scope of delivery



### Contents of polybag:

- Connection Box Cat.7
- 2x cable clamp for cable OD up to 5mm
- 2x cable clamp for cable OD up to 9mm
- 4x self-tapping screws 4.5x3mm for cable clamps
- 2x screw 14x3mm for wall mounting
- Doppelleitiger adhesive strips

Point 2 – Cable preparation



The following steps refer to use with pair-shielded Cat.6 and Cat.7 data cables.

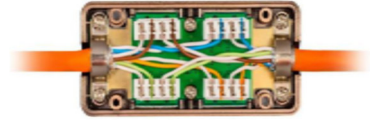
Cut off approx. 45mm of the cable jacket. Twist the braided shield together and place it back over the cable jacket so that there is contact surface is created.

Point 3 – Connection diagram

Lay the cables according to the circuit diagram. Pay attention to the strand color. This must be adhered to exactly.



Point 4 - Connecting the cables



Secure the cables with suitable cable clamps. Use self-tapping screws 4.5x3mm to screw on the clamps. Lead the cable cores to the LSA terminals and shorten the excess foil shielding of the individual pairs of wires. When connecting the pairs of wires, make sure to bring the pair shields as close as possible to the LSA terminals. Clamp the individual wires according to the circuit diagram using an LSA clamping tool.

Point 5 - Closing the lid



Close the housing of the connection box. The cover and housing are firmly clamped together. Wall mounting: Platine the ConnectiUnscrew on box and the holes provided in the housing for wall mounting to use.