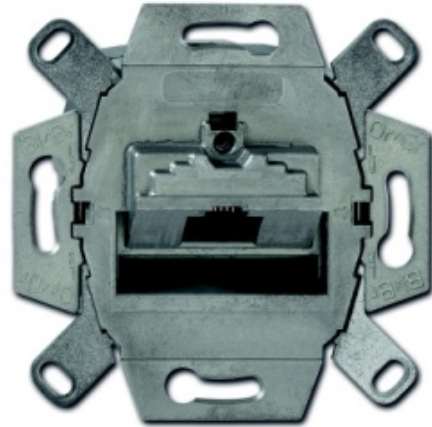


0216-101,  
0217-101,  
0218/11-101,  
0218/12-101  
UAE socket  
Cat. 5e,  
Cat. 6 A iso



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## 1 Intended use

The device serves for connecting data cables with a diameter of 6 - 10 mm.

## 2 Environment



### **Consider the protection of the environment!**

Used electric and electronic devices must not be disposed of with domestic waste.

- The device contains valuable raw materials which can be recycled. Therefore, dispose of the device at the appropriate collecting depot.

### 2.1 Disposal

All packaging materials and devices bear the markings and test seals for proper disposal. Always dispose of the packaging material and electric devices and their components via the authorized collecting depots and disposal companies.

The products meet the legal requirements, in particular the laws governing electronic and electrical devices and the REACH ordinance.

(EU Directive 2002/96/EC WEEE and 2002/95/EC RoHS)

(EU REACH ordinance and law for the implementation of the ordinance (EC) No.1907/2006)

### 3 Operation



#### Caution

Use only patch cables with plugs which, according to the manufacturer's specifications, meet the valid EN/IEC standards.

- The use of non-standard components voids the warranty.

1. Insert the plug of the connecting conductor from the signal source into the connecting socket.
2. Insert the plug of the connecting conductor from the player into the connecting socket.
3. Insert the plugs into the socket with as little force as possible to avoid twisting or tilting the contacts in the plug.

### 4 Technical data

Designation	Value
Screen housing	Die-cast zinc
Housing	ABS form mass, die-cast zinc
Screen connection / strain relief	360° contacting, contacting bracket for data cable with ø 6-10 mm, strain relief via cable ties
Cable diameter	6-10 mm
Wire diameter	AWG 26 – AWG 22
Operating temperature	-40°C to +70°C
Protection type according to DIN EN 60 529	IP21
Dimensions	80.8 mm (Width) x 80.8 mm (Height) x 42.4 mm (Depth)
Construction	DIN IEC 60 603-7-51 Ed. 1

### 5 Mounting / Installation



#### Warning

##### **Electric voltage!**

Risk of death and fire due to electrical voltage of 230 V.

- Low-voltage and 230 V cables must not be installed together in a flush-mounted socket!  
In case of a short-circuit there is the danger of a 230 V load on the low-voltage line.

#### 5.1 Requirements for the electrician



#### Warning

##### **Electric voltage!**

Install the device only if you have the necessary electrical engineering knowledge and experience.

- Incorrect installation endangers your life and that of the user of the electrical system.
- Incorrect installation can cause serious damage to property, e.g. due to fire.

The minimum necessary expert knowledge and requirements for the installation are as follows:

- Apply the "five safety rules" (DIN VDE 0105, EN 50110):
  1. Disconnect from power;
  2. Secure against being re-connected;
  3. Ensure there is no voltage;
  4. Connect to earth;
  5. Cover or barricade adjacent live parts.
- Use suitable personal protective clothing.
- Use only suitable tools and measuring devices.
- Check the type supply network (TN system, IT system, TT system) to secure the following power supply conditions (classic connection to ground, protective earthing, necessary additional measures, etc.).

## 5.2 Mounting

The device may only be installed in suitable flush-mounted sockets (DIN 49073-1) or a suitable surface-mounted housing.

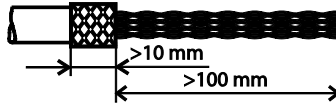


Fig. 1: Preparing the cable

1. Remove approximately 100 mm of insulation from the cable (see diagonal of the packaging).
2. Push the braid screen back and shorten it by approximately 10 mm.

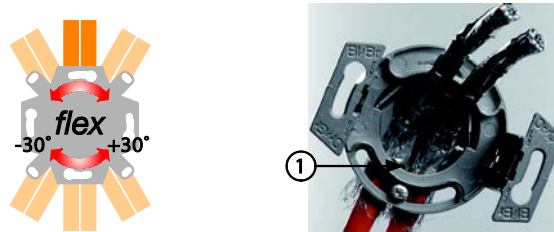


Fig. 2: Cable feed

3. Feed the cable into the housing at the top or the bottom (in the photo at the bottom).
4. Bend the cable to a quarter circle and feed it in as far as possible.
5. If necessary, adjust the feed-in position ( $\pm 30^\circ$ ).
6. Fasten the screw.

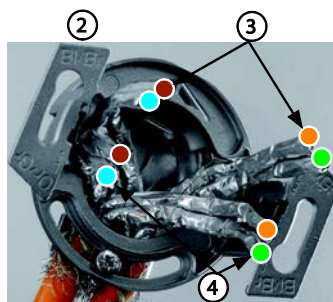


Fig. 3: Pre-sorting

7. Pre-sort the twisted pairs.
  - Ensure that you adhere to the hints on the securing webs, which are normally legible (Pos. 2).
8. The upper twisted pairs (Pos. 3) belong to the left socket. The twisted pairs on the left (Pos. 4) belong to the right socket.

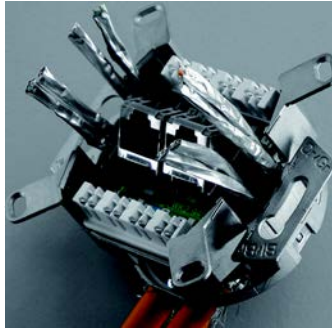


Fig. 4: Connection of assembly

9. Position the connection assembly.
10. Feed the twisted pairs with screen laterally through the assembly.
  - The sockets must always point down.
11. Press the assembly together.

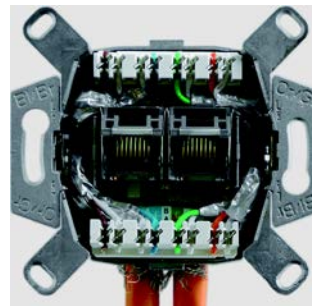
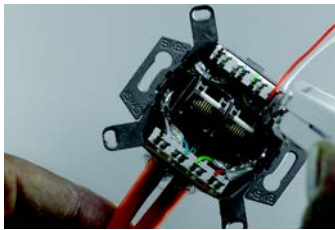


Fig. 5: Positioning the wires

- Maintain the pairs screen and the twist of the pairs as long as possible.
  - Adhere to the assignment according to the colour code in the patch bay and on the socket (see chapter "Colour code").
12. Install the wires from the centre to the outside.



Fig. 6: Finishing

13. Position the cover on the housing.
14. Latch the cover to the bottom part.

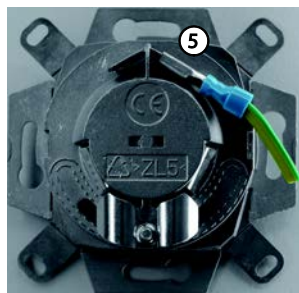


Fig. 7: Earthing (if required)

15. Plug a 6.3 mm flat plug connector onto the rear of the earth connection contact (Pos. 5).

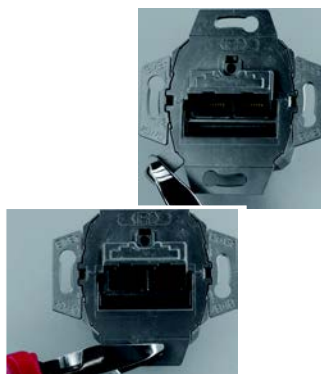


Fig. 8: Web version (if required)

















16. Break off the fixing points that are not required with a suitable tool.

The cable is now installed.



## 6 Connection

### 6.1 Colour code

Connecting terminal / terminal block	1	2	3	4	5	6	7	2
TIA/EIA-568-A								
TIA/EIA-568-B								

## 7 Dismantling

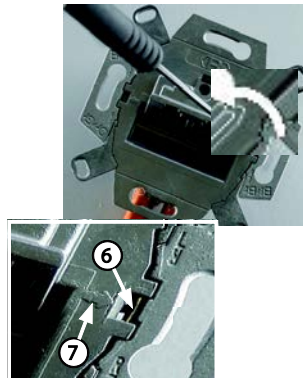


Fig. 9: Dismantling

1. Unlatch the lugs on the right and left (Pos. 6).
  - To do this, insert a screwdriver into the recess on the side of the arrow (Pos. 7).
2. Remove the cover.

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