



1. Introduction

1.1 Specialist technical advice to consumers regarding furniture connectivity to building supply

2. Technical basics

2.1 Electrical installations in furniture according to VDE 0100 part 724

2.2 Lighting systems in furniture according to VDE 0100 part 559

2.3 Lamps, cables and wires according to DIN EN 60598/VDE0711 with test centre symbol

2.4 Lamps, safety transformer, converter according to DIN VDE 0710 part 14 with labelling

2.5 Connection and connecting elements according to DIN EN 60320

2.6 Installation, operation, use and care instructions

3. Advisory duties and sales basics

3.1 The **furniture buyer is obliged** to provide information on structural conditions and obstacles to ensure smooth fulfilment of his order:

- Delivery address, building services, electricity, water, gas and sewage connections, electrical appliance dimensions
- Supply lines, structure of walls, sources of heat, building moisture, thermal bridges, skirting, etc.
- New building, alteration, renovation, electrical, plumbing or painting work

3.2 The **seller is obliged** to hand over relevant product information

- List of prices and types, warranty, use, care, operation and installation instructions
- Measurement planning for exactly fitting fixtures or modifications
- Dimension requirements for building connections by electrical or sanitary specialists

3.3 The **manufacturer is obliged** to provide the product information

- List of prices and types, warranty, use, care, operation and installation instructions
- Electrification example of the furniture connectivity to the building connection
- Dimension requirements for preparatory electrical work by electrical or sanitary specialists

4. Technical information on furniture, appliance and building connection technology

4.1 Note the article description and the dimensions in the respective ***list of prices and types*** and ***installation instructions*** (also available online at www.musterring.de). For the electrical installation, the following notes are important:

4.2 Media elements

- Load-bearing ability TV installation space (bottom of base unit, pedestal, shelf, panel) in kg
- W/H/D appliance footprint
- W/H/D appliance compartments
- W/H/D cable tray for multiway connector and distribution
- Ø cable cut-out or drill hole for appliance connections / ventilation

4.3 Recommended connection technology:

- Power and antenna connections for supply to the building behind / above / next to the media element
- Switchable Euro plug multiple socket strip with surge protection, for appliance connection technology
- Disconnection of power and signal cable connections
- TV reinforcing rail is a model-related product standard or only possible on request
- Secure TV wall attachment on back panel with full-length bolts, washers and nuts

4.4 Wall attachment elements, free-hanging, with electrification

- Cable connection to building supply "on wall" with (paintable) cable channel, or "in wall", with ductwork Ø 20 mm
- With wall attachment elements, cable exit centred behind element back panel
- With wall shelf 300 mm left/right of outer edge (fitting technology)

4.5 Recommended connection technology:

- Wall attachments always require the examination of the wall structure (solid brickwork required)
- Determine fitting, attachment and connection positions according to the dimensions in the list of prices and types
- Carry out structurally necessary electrical preparatory work for the furniture or appliance connection
- Always attach wall elements first, unhampered by barriers and from top to bottom, in order to avoid damage to base structures by drilling dust etc. Functional test.

4.6 Furniture lamps:

- Design and nominal power furniture lamp ___W, light colour shade designation (e.g. warm white)
- Cable length ___cm
- Extension ___cm
- Connection cable with foot switch ___cm
- Transformer output 20 – 120 VA (Note: Electrical accessories are always made-up to order)

4.7 Recommended connection technology:

- Installation or extension with grid connection to building supply, fixed connection only by qualified electricians
- Separate circuits are only possible on request and by means of additional transformers
- Control is possible on request, with optional foot, radio, dimmer or IR switches

4.8 Labelling

- Labelling obligation for furniture lamps to facilitate replacement - source, article number, power, reference to special lamps, warning in cases of lamps with protective glass
- Labelling obligation regarding installation - test symbol and protection class
- Labelling that must be visible after installation - ambient temperature, protection type details and symbol for minimum spacing

5. Installation instructions

5.1 The installation, connecting and connection technology is shown in the **installation instructions**. Electrical accessories are made-up to order, i.e. by order and type sequence.

5.2 Guide value for furniture assembly by 2 technicians to connection to grid, Ø 8-12 MIN. per package (original packaging per floor + 1 MIN. to installation space), not including familiarisation, acceptance and collection.

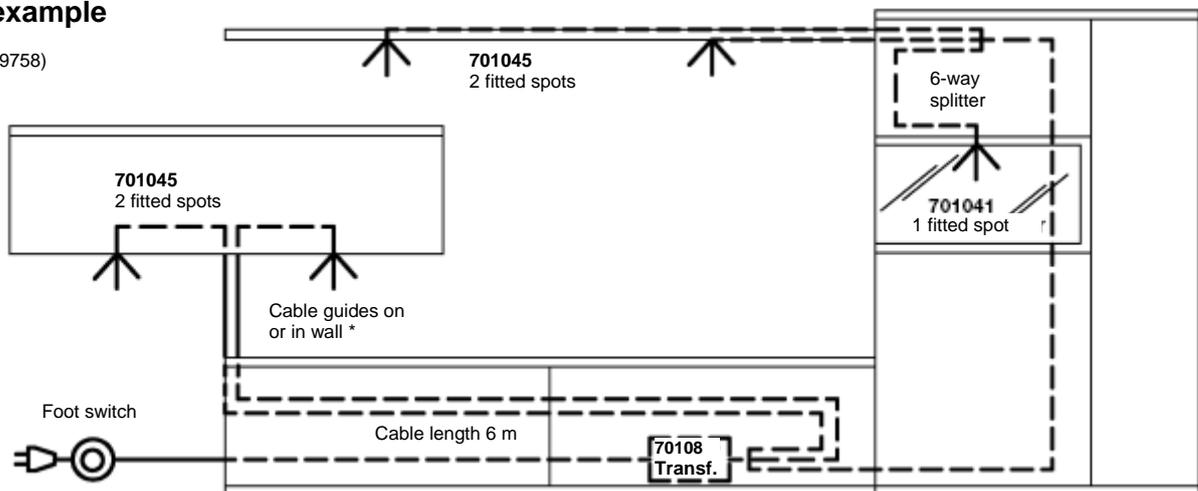
5.3 Building connection

- Installation position of electrical components to power supply only in accordance with the manufacturer's instructions
- Fixed electrical or sanitary connection only by qualified electrician or sanitary specialist

5.4 Electrification example for furniture, appliance and building connection technology (non-binding recommendation).

Lighting example

(cable guides
with suggestion 9758)



Note: Cable length from transformer to spot max. 4 m.

* With free-hanging lighting elements a paintable cable channel (length 1.5 m) is always provided.

5.5 Safety and warning notes

- Power supply must be disconnected during installation, cleaning or maintenance of electrical appliances
- Small children should not use or be able to reach electrical appliances
- Electronic devices must not be blocked by items placed or suspended in front of them (overheating)
- Spare parts must only be of the same design, current and voltage

5.6 Maintenance

- Observe the use and care instructions
- Buy replacements in specialist furniture or electrical stores