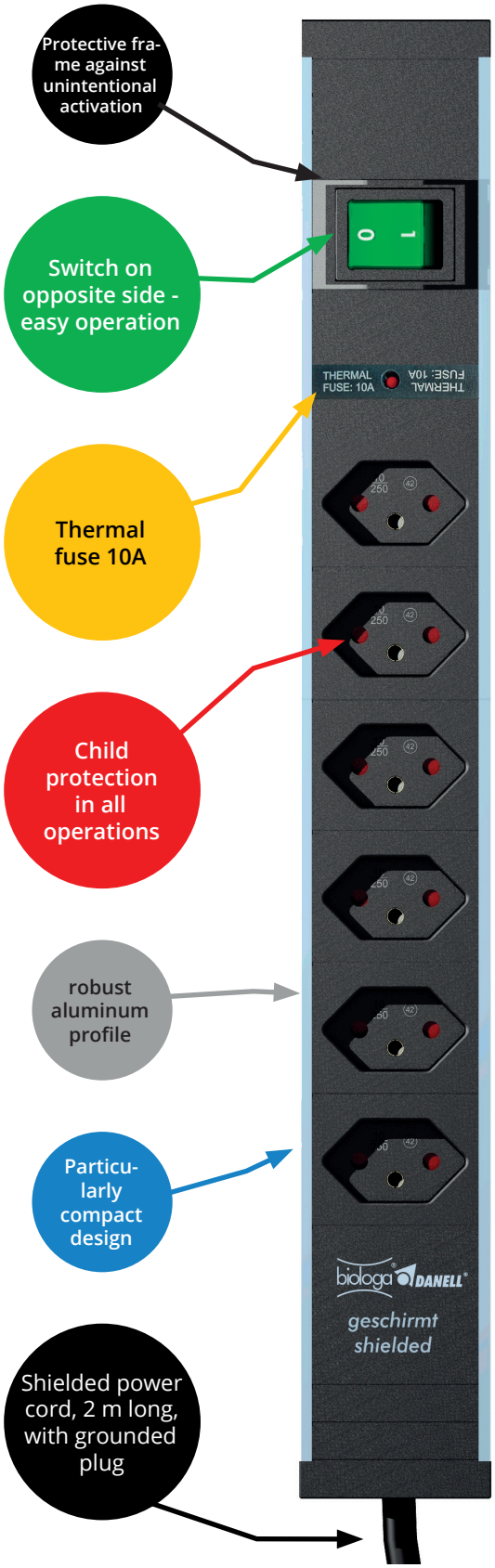
Building Biology Products
and services

6-way power strip - Installation technology (low frequency)

Technical data sheet - Shielded power strip - CH-STL6 - Item no. 300953



Properties

The high level of shielding against alternating electric fields is ensured by the housing (robust, anodized aluminum profile) and the shielded power cord.

The shielding effect is tested in accordance with the recognized screen standards TCO'99, Volume I (MPR II, DIN EN 50279), with all measurements falling well below the limit values.

The 6 socket inserts allow full use of the strip with mains plugs, all of which can be plugged in without obstruction.

The control switch (green, 2-pole, illuminated) enables all socket inserts to be switched on and off. Using our two-pole switch ensures that all plugged-in devices are reliably disconnected from the mains via two poles. The power strip is only guaranteed to be free of voltage when the mains plug is disconnected.

The switch is located on the opposite side of the power cord, making it easier to access in confined spaces.

When used in the desk top area, the strip can be mounted under or on the table top. Brackets are available as accessories for mounting.

The power cord used (approx. 2 meters long, 3 x 1.0 mm²) allows a maximum current load of 10 A (according to IEC 884) and a connection voltage of 250 V / 50 Hz. The power strip is designed in accordance with VDE 0675, Part 6, Class D, and ÖVE Sn60, Class E, and SEV.

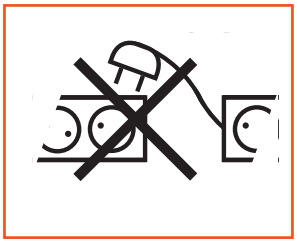
Each strip is individually tested to 100%.
Dimensions 335 x 52 x 44 mm (L x W x H, without power cord).

Safety with multiple socket strips

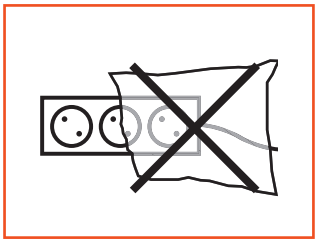
When using this product, DIN VDE 0100 Part 420 Section 4.1 (Fire hazard in electrical installations) must be observed in particular. If the total resistance of the individual plug connections exceeds the impedance required for short-circuit protection, the protection will no longer be triggered. VDE 0100-410:2007-06 requires short shutdown times of 0.4 s for the TN system. In such cases, the temperature of the cable can rise to the point where a fire can start.

Therefore, the following applies (to all power strips, whether shielded or unshielded):

DO NOT STICK THEM ONE AFTER THE OTHER!



DO NOT OPERATE UNCOVERED!



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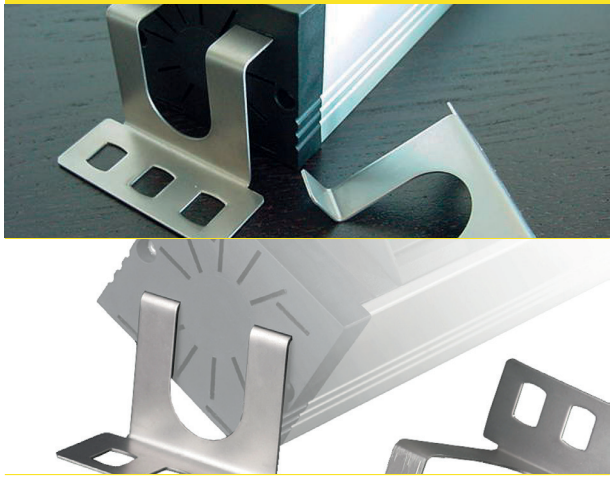
Why decoupling filters?

The built-in decoupling filter prevents the coupling of alternating electric fields onto two-pole Euro power cables (protection class II systems without accompanying protective conductors). These two-pole cables (typically used with inexpensive lamps, many hi-fi devices, and household items) are designed in such a way that live devices and parts are electrically coupled to this Euro cable, meaning that a field can be detected on these cables even though the switch on the power strip is turned off.

This coupling is discharged to earth potential using the built-in filter. This effect does not occur with protection class I mains connection cables (with protective conductor in the cable, shielded or unshielded).

Shielded power cables extending from the power strip are recommended in order to avoid partially negating the shielding effect of the strip. Use only at room temperature and in dry indoor areas.

Zubehör - Montagewinkel - STL-WI - Art.Nr. 720575



The following generally applies to multiple socket strips

The use of shielded versions reduces alternating electric fields and reduces alternating magnetic fields. Surge protection protects downstream devices from voltage pulses. HF mains filters reduce the transmission of frequencies above 50 Hz. Avoid using extension cables if possible.

SWITZERLAND - Installation technology (low frequency)

Other Swiss products available

Swiss power strips

Item no. 300303 - 4-way power strip
with 10 A overcurrent protection, Swiss type J plug, 2 m power cord, 2-pole switch for 4x inserts, switch opposite power cord

Swiss cables / wires, shielded

Item no. 301026 - Extension cord CH
4 m plug version Switzerland Type J - (SEV 1011:2009 Type 12) Socket version Switzerland Type 13, white, 10 A / 250 V

Item no. 301023 - Cold device cable, power connection CH
Swiss plug version Type J (SEV 1011:2009 Type 12), IEC socket – C13, IEC-60320-C13, DIN 0625 black, 10 A / 250 V

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