



SMART LED (FILAMENT) CORD DIMMER 6421X

USER MANUAL SMART LED (FILAMENT) CORD DIMMER 6421X (without cables)

This smart led (filament) cord dimmer (3-100W/VA) is suitable for dimming the following light sources: • dimmable (filament) led lamps (230V, max 50W/VA) • low voltage led lamps combined with a dimmable led driver (DC) (80W max) • incandescent and halogen lamps (230V, max 80W) • 12V halogen lamps combined with a dimmable electronic transformer (AC) (80W max).

CHARACTERISTICS OF THIS SMART LED (FILAMENT) CORD DIMMER:

• trailing edge dimmer ('R,C'), 230V/50Hz, max. load 100W/VA • the dimmer adapts itself, depending on the connected load • with the (push) button **(1)** this dimmer can be fully switched off (μ) • this dimmer comes with 'on print' connection terminals to connect the cables for 230V input and to lamp output (see figure I and II).

OPERATION OF THE DIMMER:

After safe connection of the dimmer with the light fixture (power plug cable and cable to lamp armature installed), put the power plug in the wall socket. Switch on the lamp by pressing the push button **(1)**. The lamp will show maximum light value. Only when the dimmer was previously used and dim level set, recall of last dimming value is possible when shut off and on; no storage of dim level if the power plug was disconnected from the wall socket! The storage of the last applied dimming value will take place after the lamp is at least 3 seconds in that light intensity. Keep the push button **(1)** pressed to change the desired light intensity of the connected lamp. The dimmer runs through a dimming curve from minimum to maximum light intensity and back to minimum. If the desired light intensity is reached, release the push button **(1)**. Switch off the lamp by shortly pressing the push button **(1)**.

Figure I: Smart led (filament) cord dimmer without cables

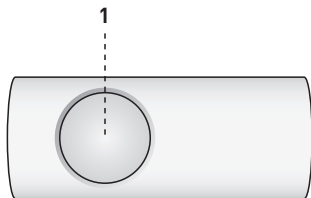
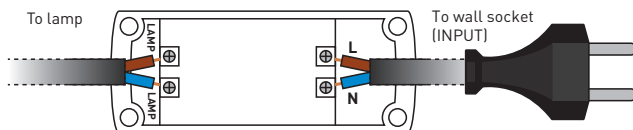


Figure II: Mounting instruction



INSTALLATION:

- Switch off the power before installation (remove power plug from the wall socket)
- Remove the cord switch (if in cord/cable) and use the wire ends to connect the dimmer **OR** cut the connection cable at right spot and strip the wire ends (blue and brown) at least 5mm
- Open the cord dimmer housing by unscrewing the four screws at bottom side of the dimmer
- Connect the wires (brown (L) and blue (N)) of the cable 'with power plug' directly to the 'L' and 'N' connectors (terminal block) of the dimmer, see figure II. On the other connectors 'L1' (brown wire (L)) and 'L2' (blue wire (N)) make the connection with the cable to the lamp
- Don't forget to leave a part of the cable sheath (2mm at least) on the housing ridges for strain relief on the dimmer
- Place back the top cover of the cord dimmer housing (button part above push button) and fasten the four screws at bottom side of the dimmer
- Check function of dimmer by putting the power plug in the wall socket
- With the push button **(1)** you determine the desired dimming level of the (led) lamp

TOOLS:

- Small flat screwdriver and small Phillips (cross) screwdriver, wire stripper

The manufacturer is not responsible for damage, caused by misuse or improper installation of the dimmer. The warranty period is 2 years from the date of purchase, to be demonstrated to your specialist dealer by means of your purchase receipt.

Save this user manual carefully for (re)installation!