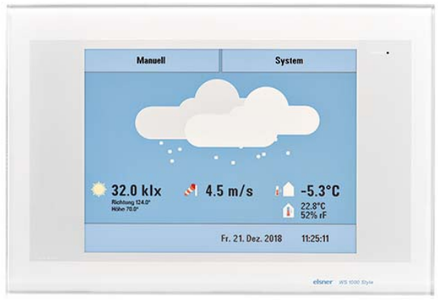
Brief Instruction
Mounting of WS1000 Style

Item numbers
60201-60204 (white)
60206-60209 (black)



Warning, mains voltage! National legal regulations are to be observed. Installation, inspection, commissioning and troubleshooting of the device must only be carried out by a competent electrician.

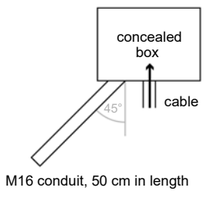
Preparing the installation location

The device must only be installed and used in dry, interior spaces. Avoid condensation.

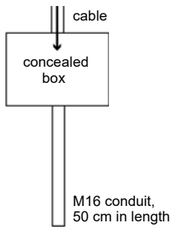
Cut-out dimensions for concealed box:
W = 248 mm +1 -0 | H = 165 mm +1 -0 | D = 84 mm

An external antenna can be connected in order to improve wireless communications. During installation, a **conduit 50 cm in length** should be placed beneath the recessed housing, in which the external antenna can be mounted (antenna dimensions approx. 565 x 8 x 5, L × W × H in mm):

Conduit angled diagonally downwards (for cable access from above or below)



Conduit angled vertically downwards (only for cable access from above!)



Preparing for installation

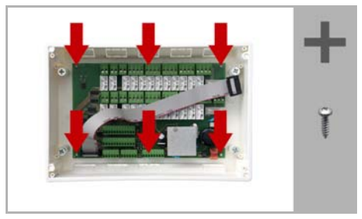
The display unit is held by magnets. Remove the front part from the concealed box.

Caution: The display is connected with a flat-ribbon cable to the circuit board in the concealed box.

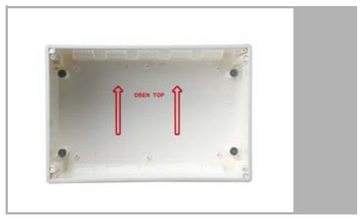
Loosen the plug so that the display unit can be removed.

Remove all parts of the transportation lock/packing.

The security covering in the concealed box is attached with four screws: Loosen the screws and take off the security covering.



Remove the circuit board from the concealed box to be installed a keep it in a place where it is protected from dirt. **It may never be exposed to dust or moisture!**



Place the concealed box in the wall so that the arrows point upwards.

Wall-fitting

For fitting, screw the cover (board) on to the concealed box with the enclosed screws.

Cavity wall fitting

Clamp the concealed box to the wall with the four enclosed screws.

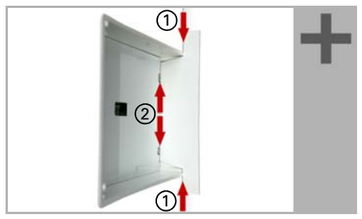
Upon delivery, the pouch containing the assembly screws can be found in the control unit's concealed box.

Assembling the control unit with concealed box

During electrical installation, please introduce all connection cables into the concealed box through the lower or upper side wall. In the process, keep the individual connection wires short to prevent long reserve loops.

After connecting the cables screw the security covering onto the concealed box.

The security covering must be fixed before the control is put into operation! It prevents contact with current-carrying parts in the concealed box.



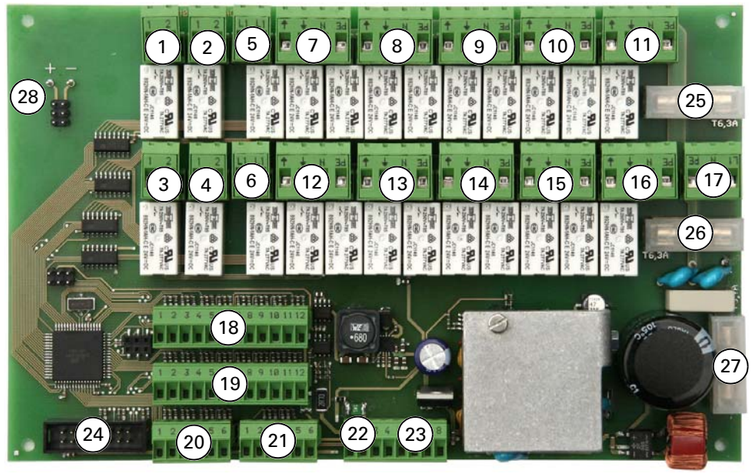
Adjust the screws of the magnetic mounting with the enclosed template. Each of the four screws must be adjusted individually in height.

When the edge of the template rests on the wall surface (1), the template must rest on the mounting screws as well (2).

By adjusting the mounting screws, the display unit will rest flat on the wall later and be held by the magnets safely.

Connect the flat ribbon cable to the display and place the display unit on the concealed box. The magnets must be attracted by the mounting screws considerably and the display unit must rest tightly on the concealed box.

Structure of the connector board WS1000 Style

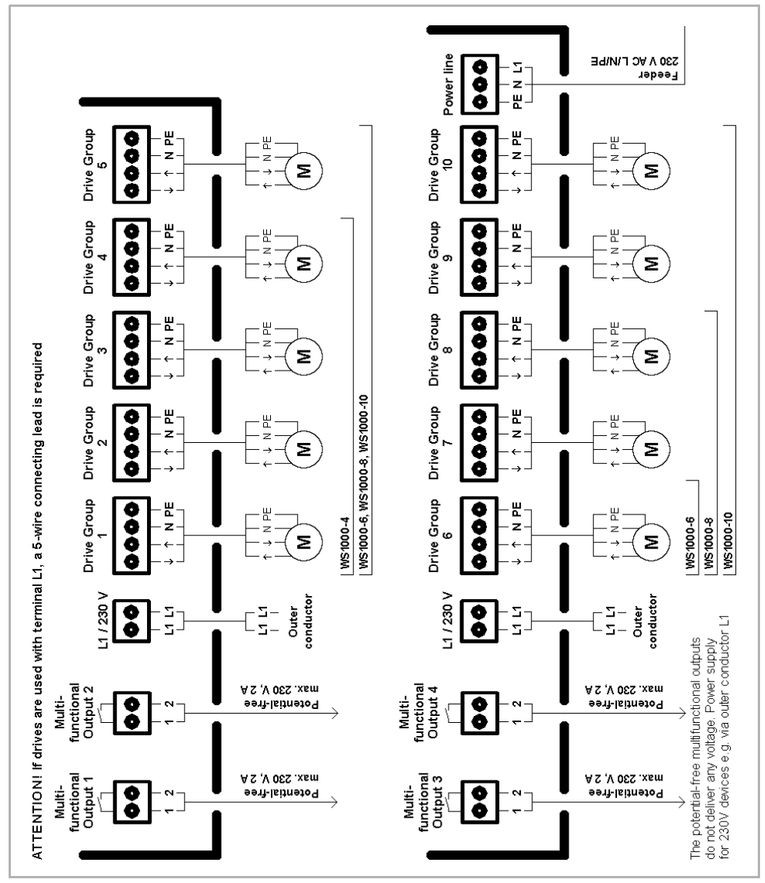


1 Multifunctional output 1 (potential-free)
2 Multifunctional output 2 (pot.-free)
3 Multifunctional output 3 (pot.-free)
4 Multifunctional output 4 (pot.-free)
5 Outer conductor L1
6 Outer conductor L1
7 Drive group 1
8 Drive group 2
9 Drive group 3
10 Drive group 4
11 Drive group 5
12 Drive group 6
13 Drive group 7
14 Drive group 8
15 Drive group 9
16 Drive group 10
17 Mains connection L/N/PE 230 V/50 Hz
18 Wall button 1 (terminals 1-3) Wall button 2 (terminals 4-6) Wall button 3 (terminals 7-9) Wall button 4 (terminals 10-12)
19 Wall button 5 (terminals 1-3) Wall button 6 (terminals 4-6) Wall button 7 (terminals 7-9) Wall button 8 (terminals 10-12),
20 Wall button 9 (terminals 1-3) Wall button 10 (terminals 4-6),
*21*Multifunctional input 1 (terminals 1-3) Multifunctional input 2 (terminals 4-6)*
22 Weather station (terminals 1-2)
*23*Multifunctional input 3 (terminals 3-5) Multifunctional input 4 (terminals 6-8)*
24 Connector for flat-ribbon cable to front board
25 Microfuse T6.3 A (Drive 1-5)
26 Microfuse T6.3 A (Drive 6-10)
27 Microfuse T630 mA
28 Slot KNX interface

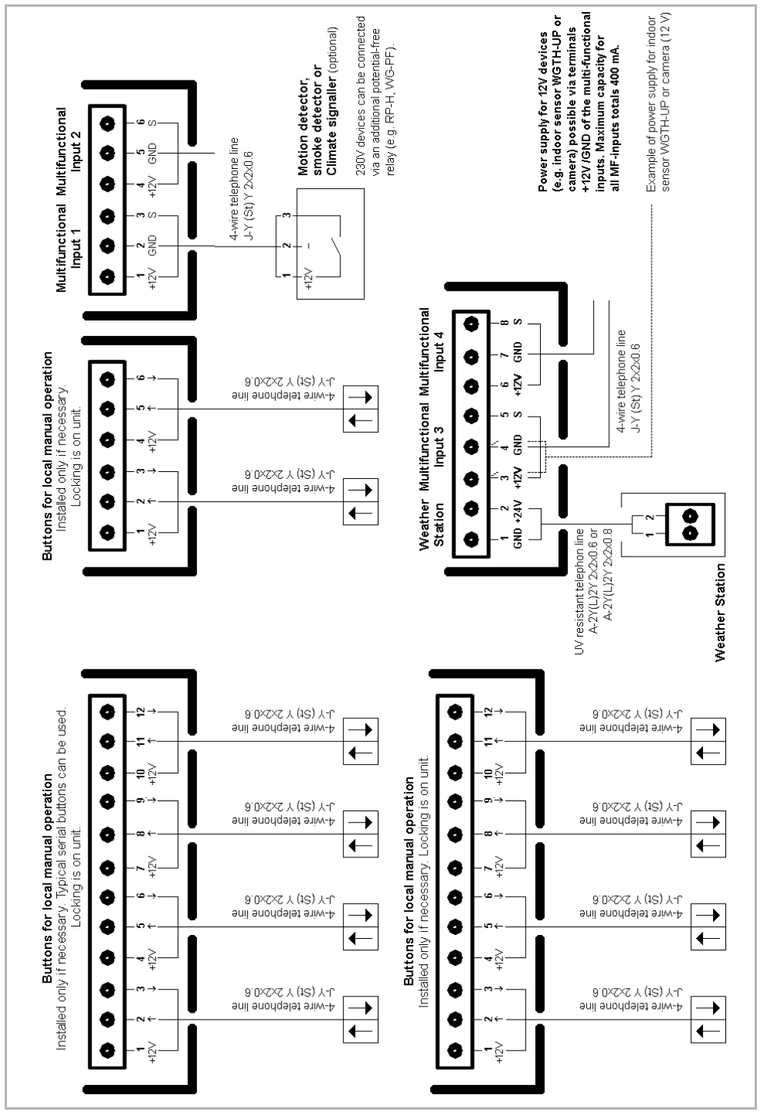
** Supply voltage indoor sensor possible via MF inputs (No. 21, terminals 1(+), 2(-) | 4(+), 5(-) and No. 23, term. 3(+), 4(-) | 6(+), 7(-)), max. 400 mA altogether.*

Connection diagrams

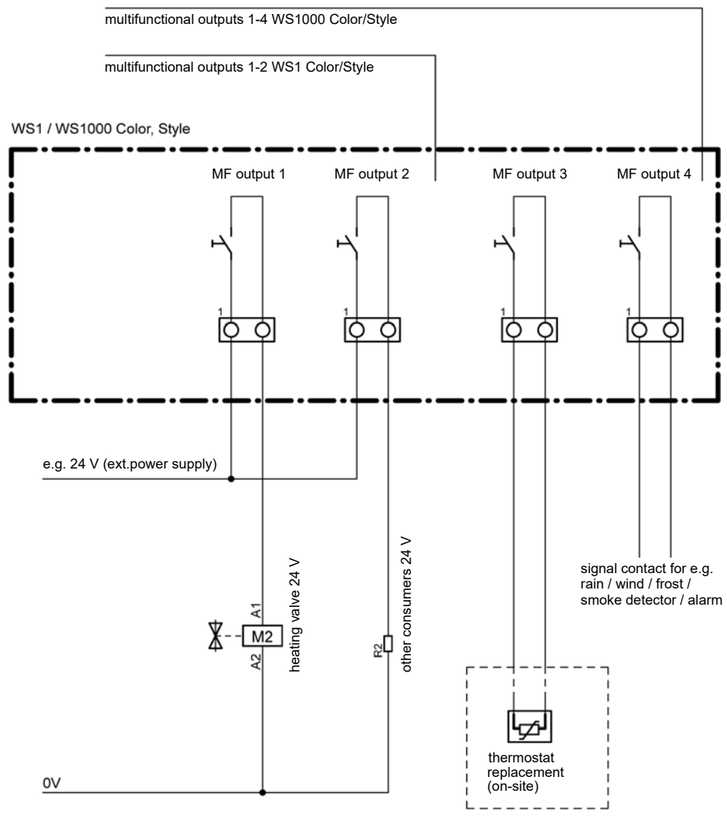
Drive and MF outputs WS1000:



Inputs WS1000:



Connecting low-voltage consumers and potential-free contacts to MF outputs



Connection examples for multifunctional outputs

Connecting 230 V consumers to MF outputs