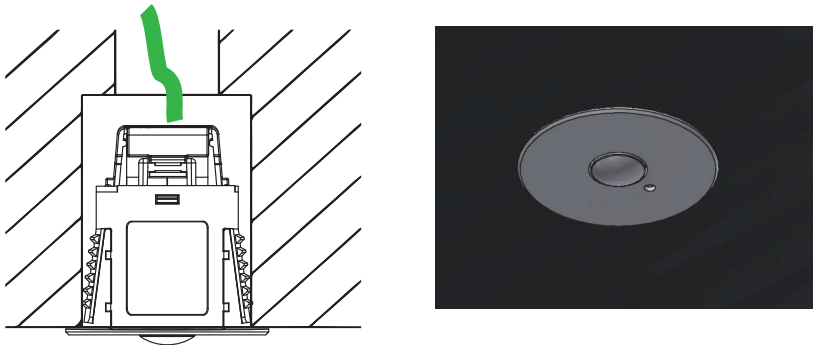
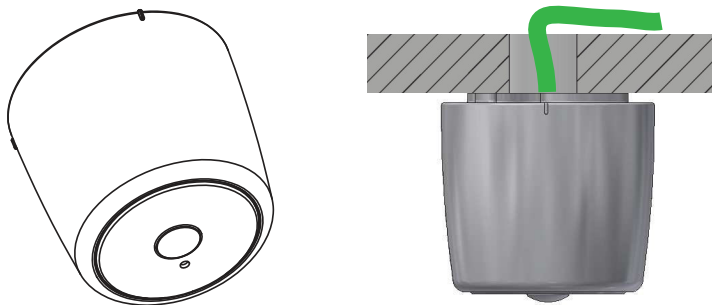


VMBPIR-20 MOUNTING INSTRUCTIONS

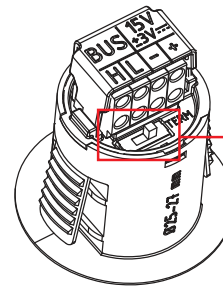
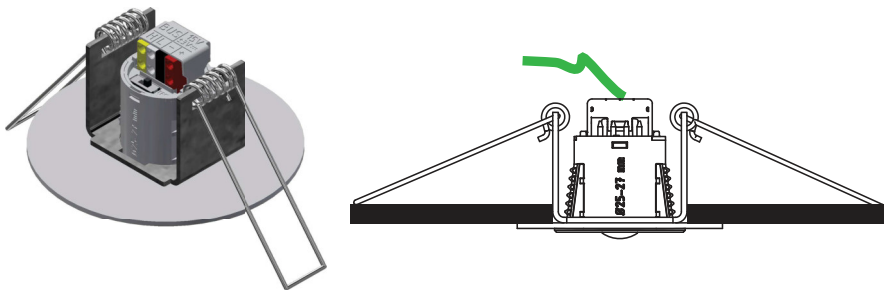
CONCRETE or DRYWALL FLUSH MOUNTING -> A



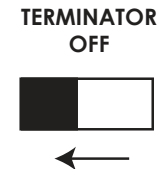
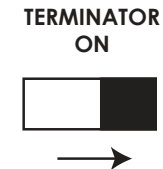
SURFACE MOUNTING -> B



SPOT MOUNTING -> C



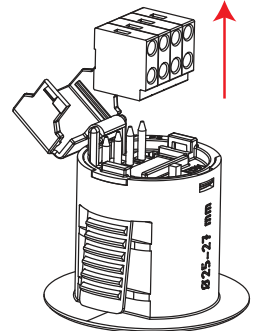
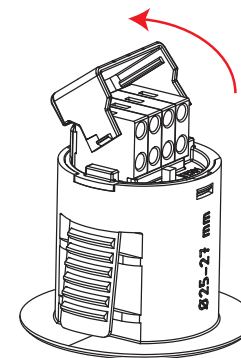
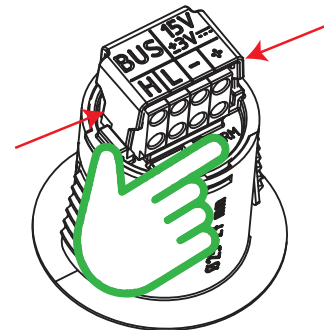
I. Set the terminator switch



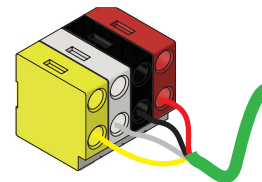
II. Remove the BUS connector

Push on the 2 sides of the cap while holding down the module with your index finger and rotate the cap.

Remove the BUS connector by pulling it up, while firmly holding down the module.



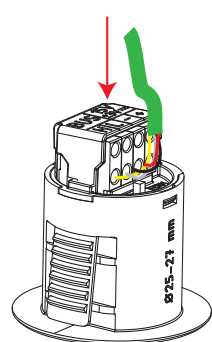
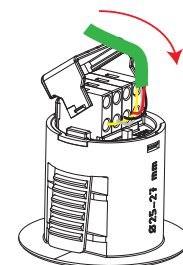
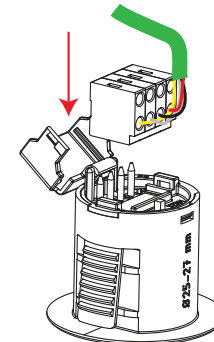
III. Connect the EIB cable



Red: Power 15V ($\pm 3V$) +
Black: Power GND -
White: CANbus Low L
Yellow: CANbus High H

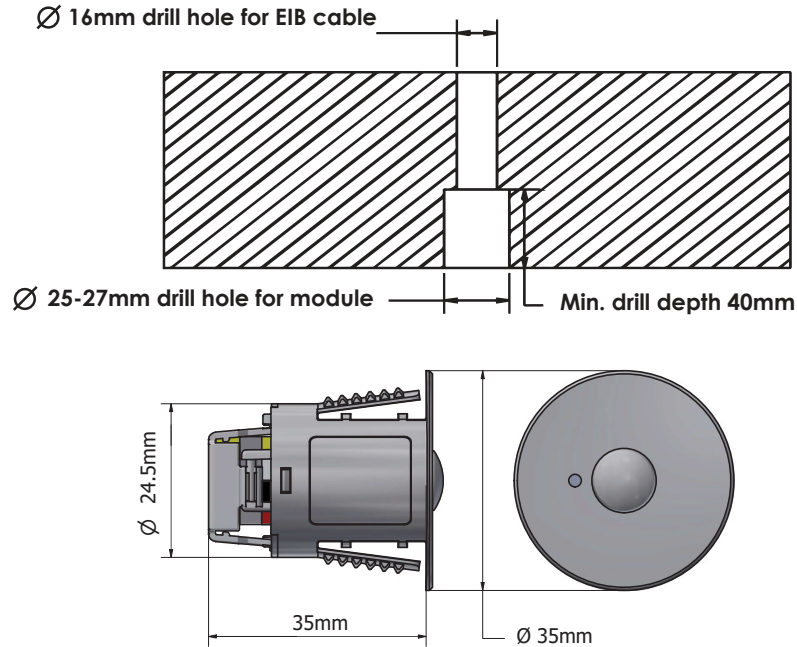
Velbus recommends a solid core
EIB/KNX grade cable with
4x 0,8 mm diameter

IV. Re-mount the BUS connector onto the module

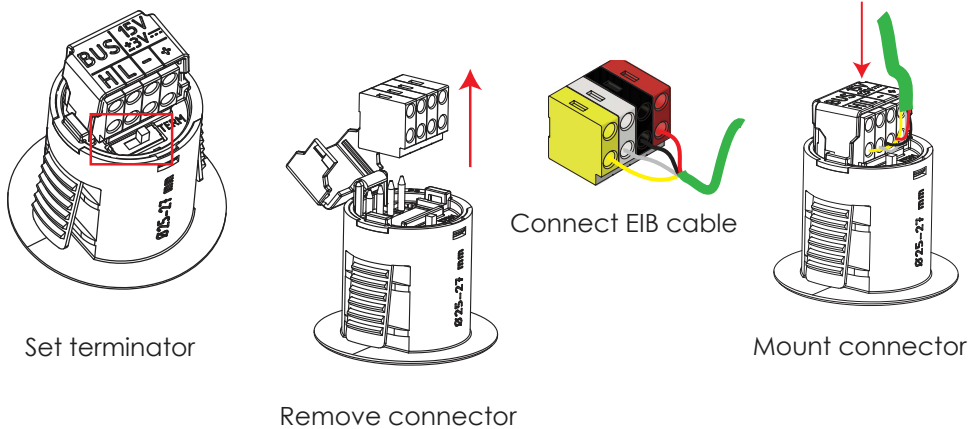


A. CONCRETE or DRYWALL FLUSH MOUNTING

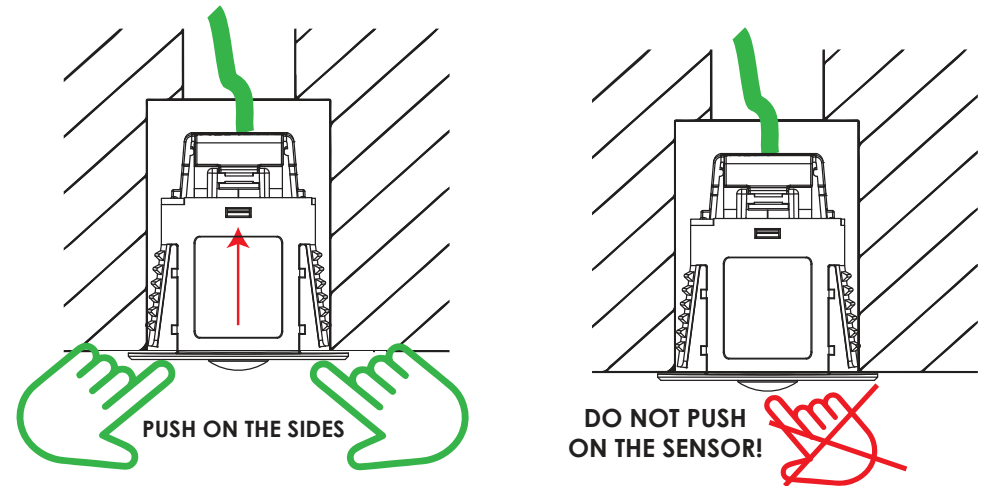
1. Drill holes for the module and the EIB cable feed



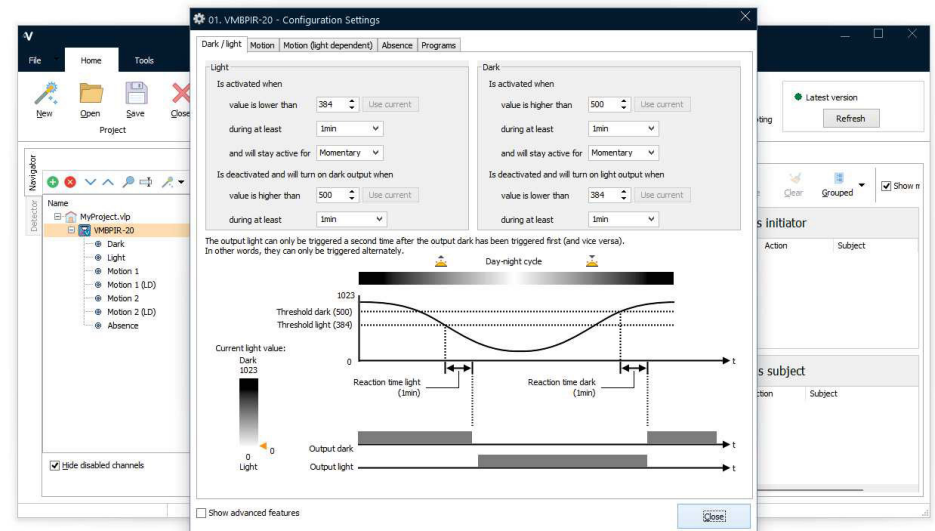
2. Follow steps I, II, III and IV



3. Mount the module into the ceiling



4. Configure the device via the Velbuslink software (11.2 or higher)



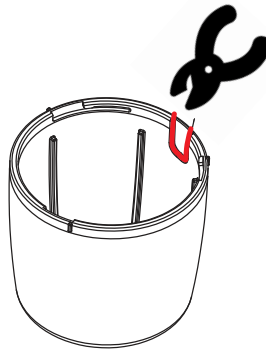
B. SURFACE MOUNTING

1. Prepare the wiring route

EIB cable through ceiling



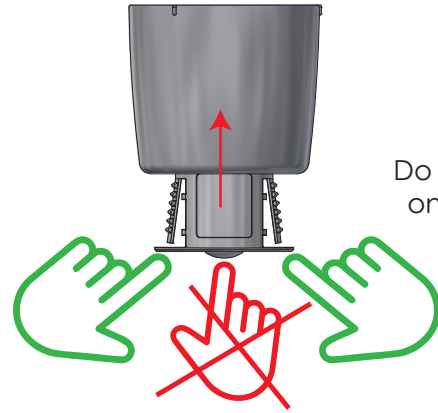
EIB cable on ceiling



Drill 16mm hole for EIB cable

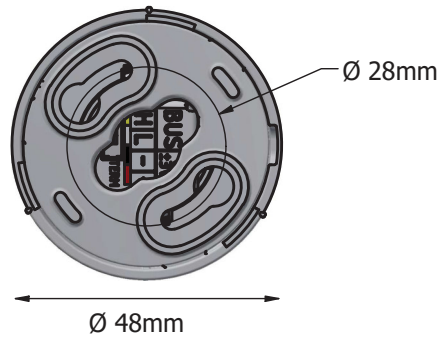
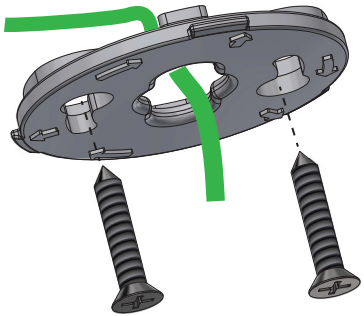
Cutout the marked piece in the enclosure

4. Mount the module into the enclosure



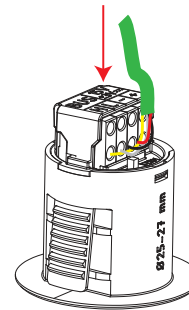
Do not push
on sensor!

2. Secure the mounting plate



Pay attention to the orientation of the thickening at the topside!

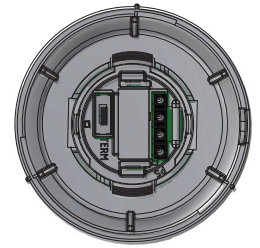
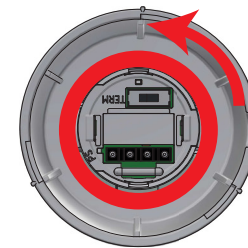
5. Follow step IV



Mount connector

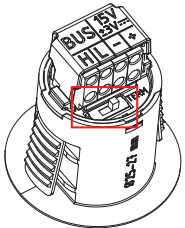
6. Lock the module

Turn the module 90° into the enclosure
by firmly twisting the connector anticlockwise

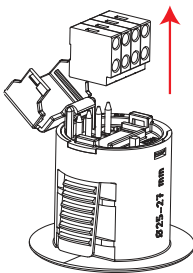


The module is now
locked into place

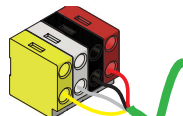
3. Follow steps I, II, and III



Set terminator

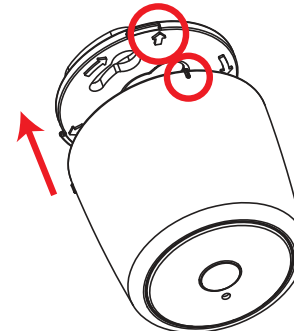


Remove connector



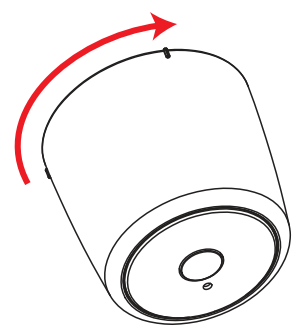
Connect EIB cable

7. Mount the enclosure onto the mounting plate



Align the tab in the
enclosure with the
arrow in the
mounting plate

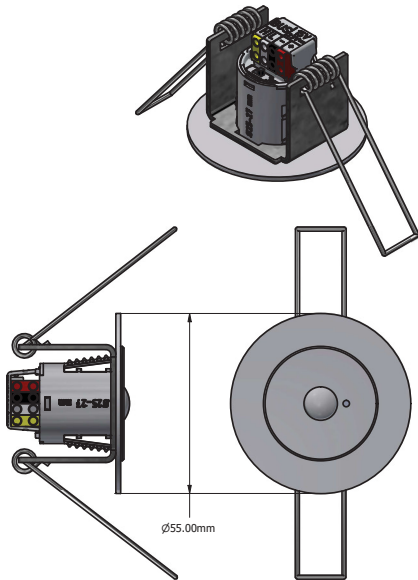
Push together and
turn the enclosure 90°
clockwise to lock it



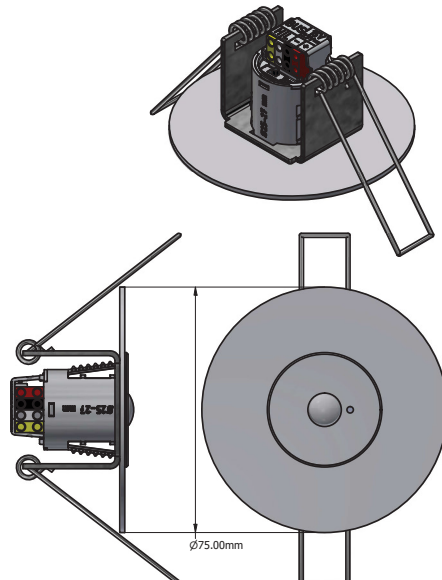
C. SPOT MOUNTING

1. Drill the hole for the spot mounting and choose the bezel size

SMALL BEZEL
DRILL DIAMETER: 45mm-50mm

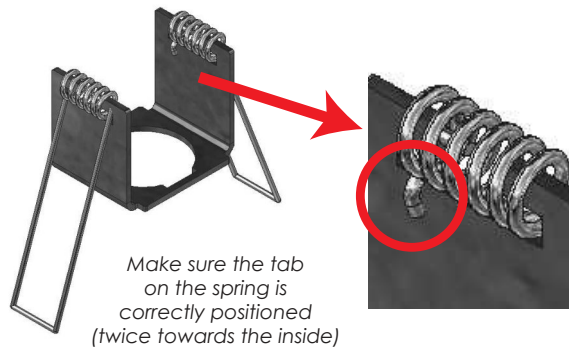


BIG BEZEL
DRILL DIAMETER: 45mm-70mm

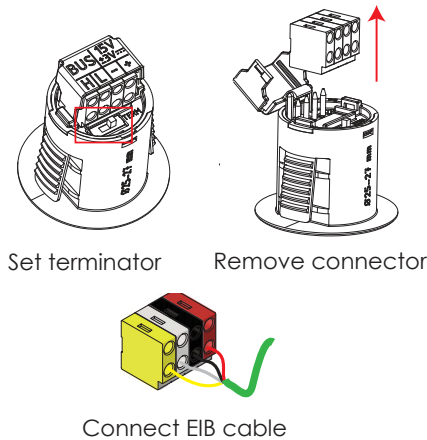


Min. drill depth 50mm

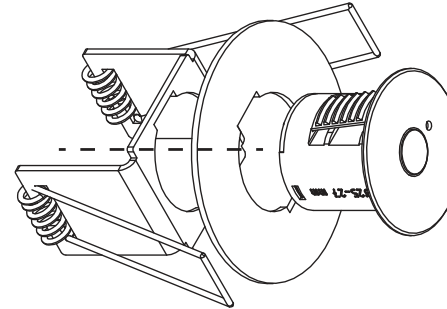
2. Mount the springs



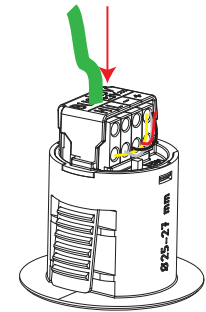
3. Follow steps I, II, and III



4. Mount the module, the bezel and the metal plate

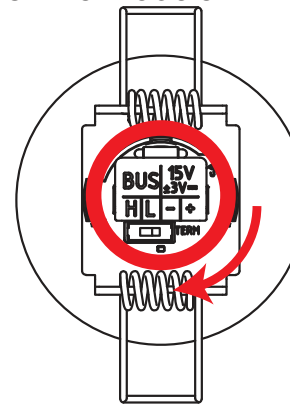


5. Follow step IV

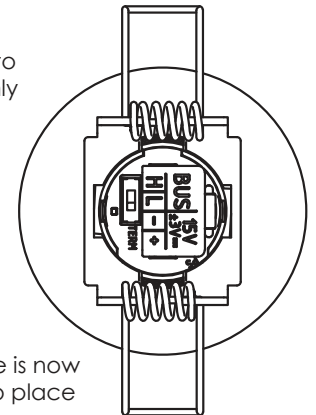


Mount connector

6. Lock the module



Turn the module 90° into the metal plate by firmly twisting the connector clockwise



The module is now locked into place

7. Mount the module in the ceiling

