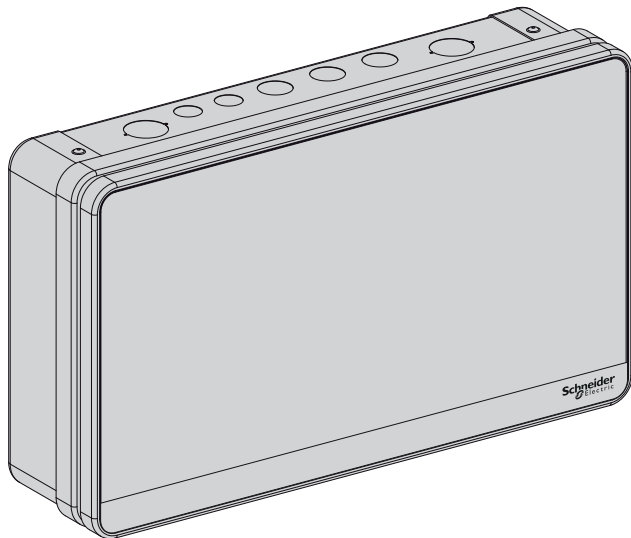


## Installation Guide



Instruction sheet to be retained for future reference.

### PLEASE NOTE

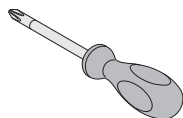
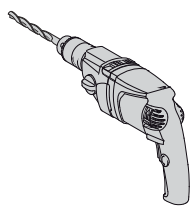
- This equipment must be installed and maintained by a qualified electrician in accordance with the appropriate statutory regulations and codes of practice, e.g. Electricity at Work Regulations, BS7671 IET Wiring regulations, etc.
- All pertinent state, regional, and local safety regulations must be observed when installing and using this device.
- The manufacturer cannot be held responsible for failure to follow the instructions given in this instruction sheet.

## ⚠ ⚠ WARNING

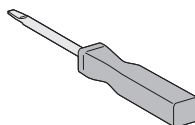
### HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Only qualified persons should install this equipment. Such work should be performed only after reading this set of instructions.
- NEVER work alone.
- Before performing visual inspections, tests, or maintenance on this equipment, disconnect all sources of electric power.
- Assume that all circuits are live until they have been completely deenergized, tested, and tagged. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of backfeeding.
- Apply appropriate personal protective equipment (PPE) and follow safe electrical practices.
- Always use a properly rated voltage sensing device to confirm that power is off.
- Beware of potential hazards, and carefully inspect the work area for tools and objects that may have been left inside the equipment.

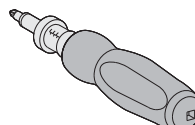
**Failure to follow these instructions can result in death, serious injury, or equipment damage.**



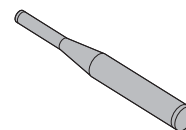
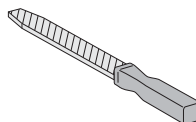
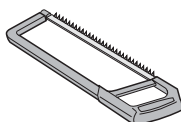
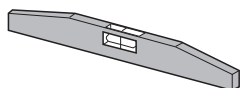
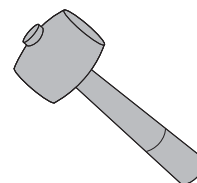
✱ ✱  
PZ2 PH2



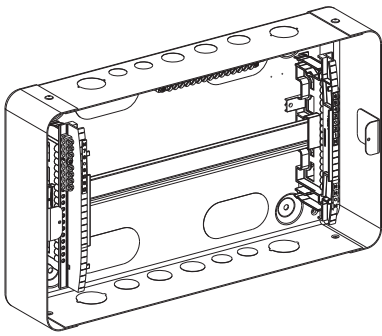
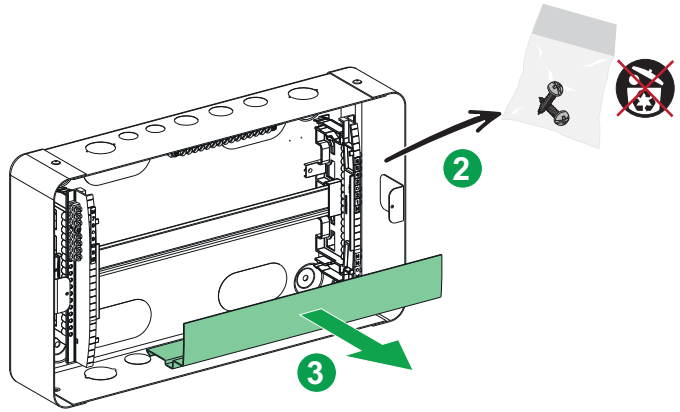
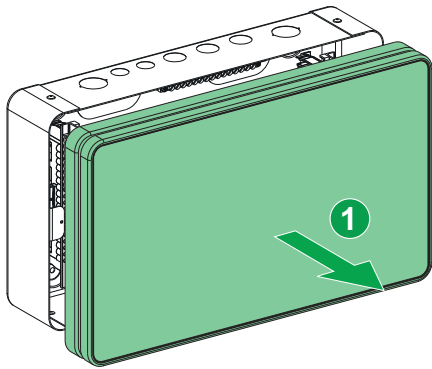
⌚  
5.5 mm



✱ ✱ ⌚  
T30 PZ2 6.5 mm



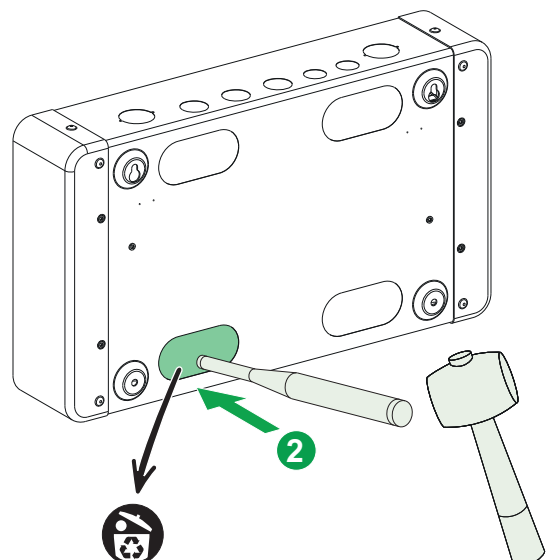
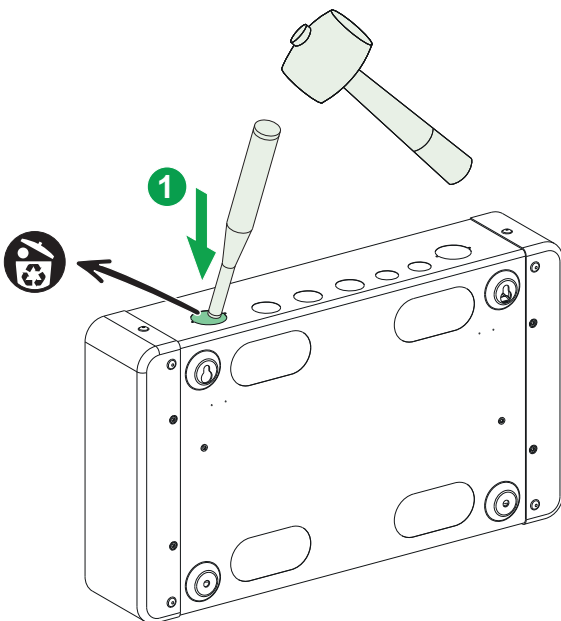
1



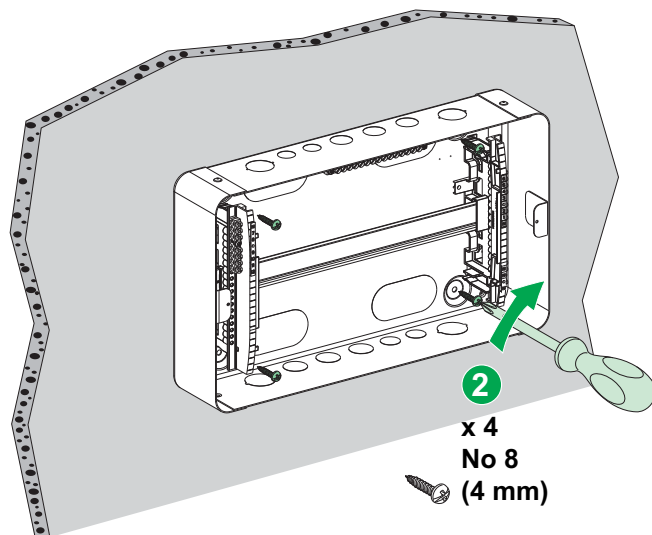
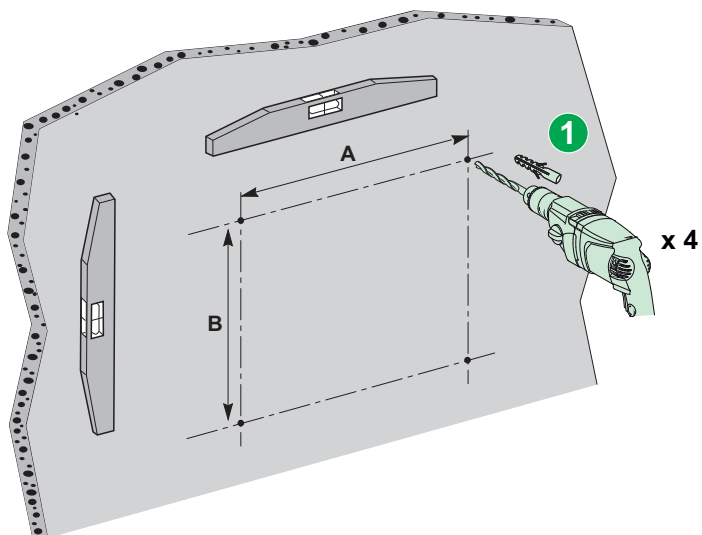
2

#### PLEASE NOTE

- Remove the minimum number of knockouts required for the incoming and outgoing cables to pass through easily.
- IP rating shall be maintained in accordance with BS7671. Suitable cable protection shall be applied for each entry.

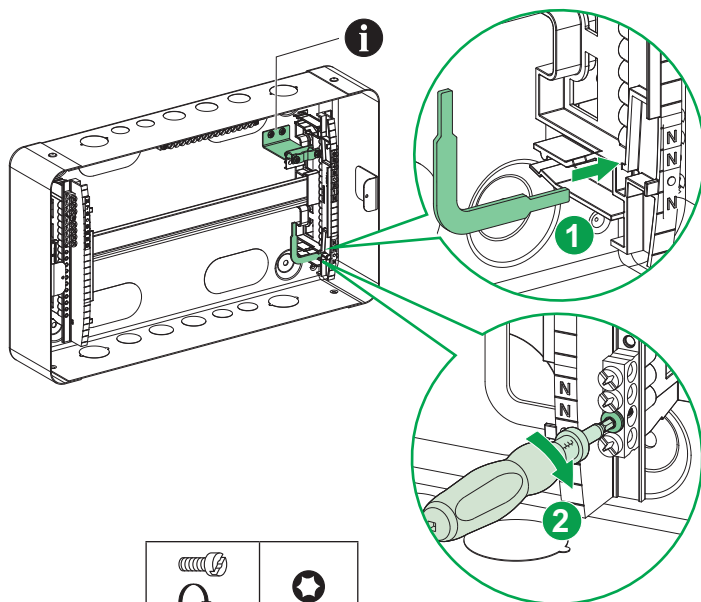


# 3



|                                                                                                | A (mm) | B (mm) |
|------------------------------------------------------------------------------------------------|--------|--------|
| EZ9E2MCU, EZ9EGARAGE63                                                                         | 75     | 208    |
| EZ9E4MCU                                                                                       | 99     | 208    |
| EZ9E6MCU                                                                                       | 139    | 208    |
| EZ9E8MCU                                                                                       | 171    | 208    |
| EZ9E12MCU, EZ9ER4R4MCU                                                                         | 250    | 208    |
| EZ9E16MCU, EZ9ER6R6MCU, EZ9ER6R6DMCU, EZ9ES2R5R5DMCU, EZ9EFS12MCU, EZ9ER6R6MRE, EZ9ES2R5R5DMRE | 322    | 208    |
| EZ9E20MCU, EZ9ER8R8DMCU, EZ9ES2R7R7DMCU, EZ9EFS16MCU                                           | 394    | 208    |

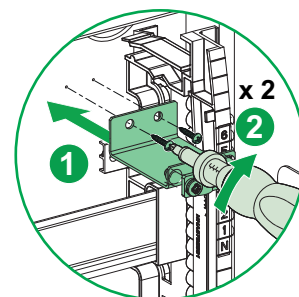
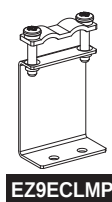
# 4 Neutral link



|             |         |     |
|-------------|---------|-----|
|             |         |     |
| Neutral bar | 2.5 N.m | T30 |



Optional incoming cable clamp:



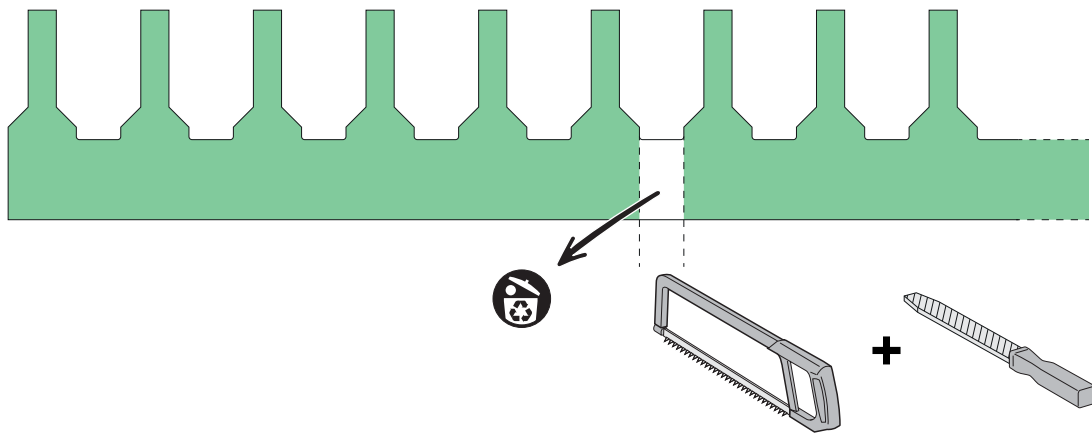
|                |         |     |
|----------------|---------|-----|
|                |         |     |
| Fixing bracket | 2.0 N.m | PZ2 |

# 5

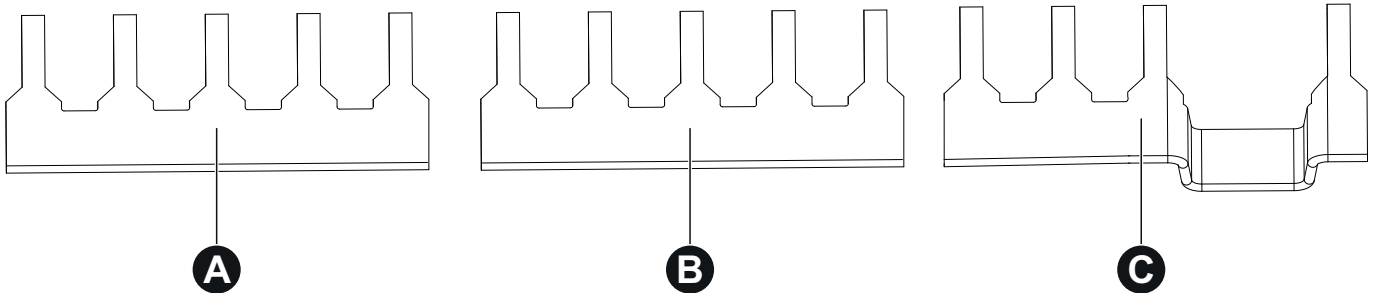
## ⚠ CAUTION

### RISK OF CUTTING

- Use a saw and Personal Protection Equipment (PPE) to avoid injury.
  - Use a file to round off the cut ends of the comb busbar.
- Failure to follow these instructions can result in injury or equipment damage.



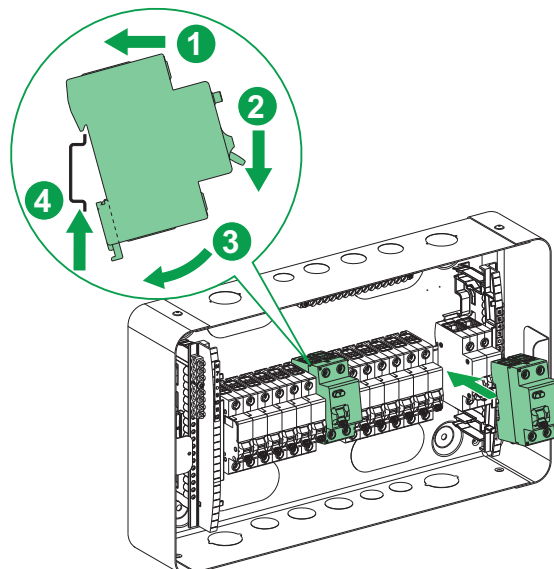
# 6



Note for flexible split Consumer Unit, determine busbar split configuration

- Ⓐ RCCB protected section 2 busbar
- Ⓑ RCCB protected section 1 busbar
- Ⓒ Non-RCCB protected section busbar

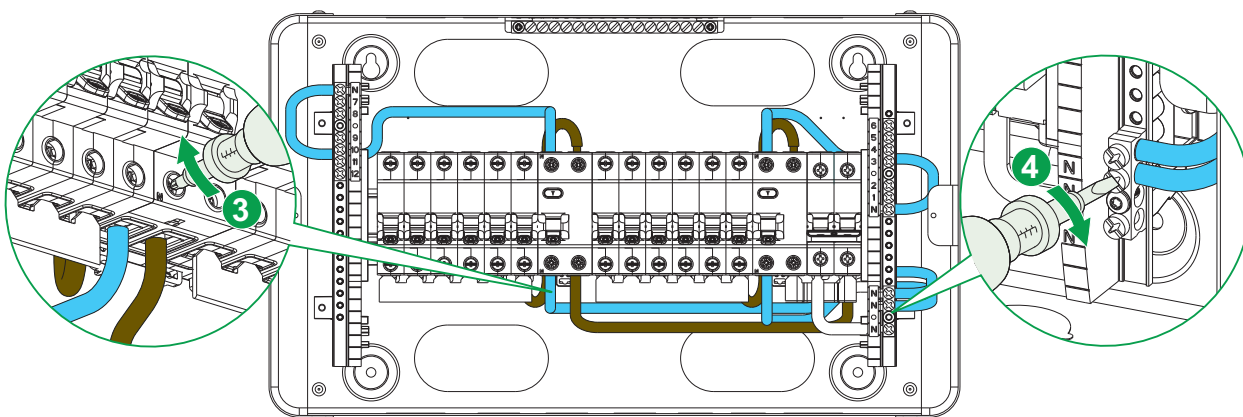
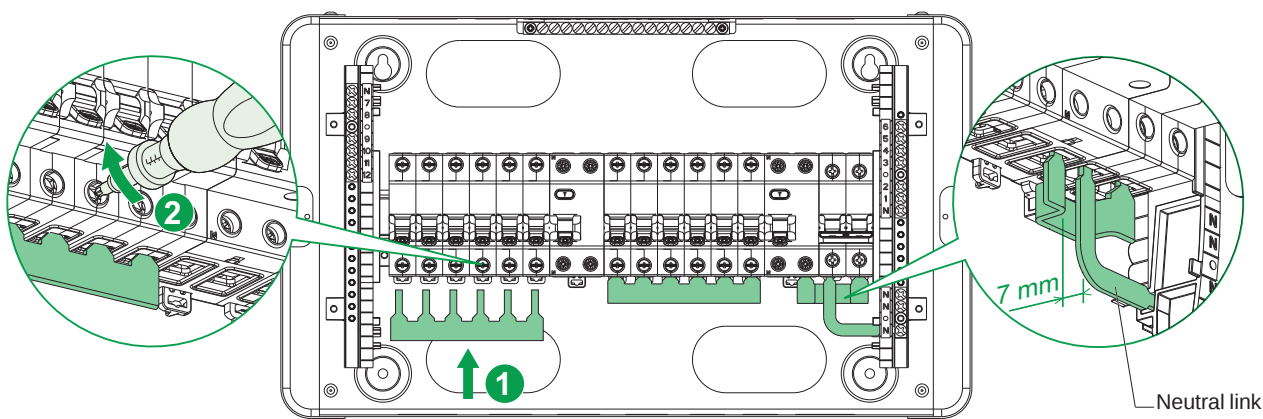
# 7



# ⚠ ⚠ WARNING

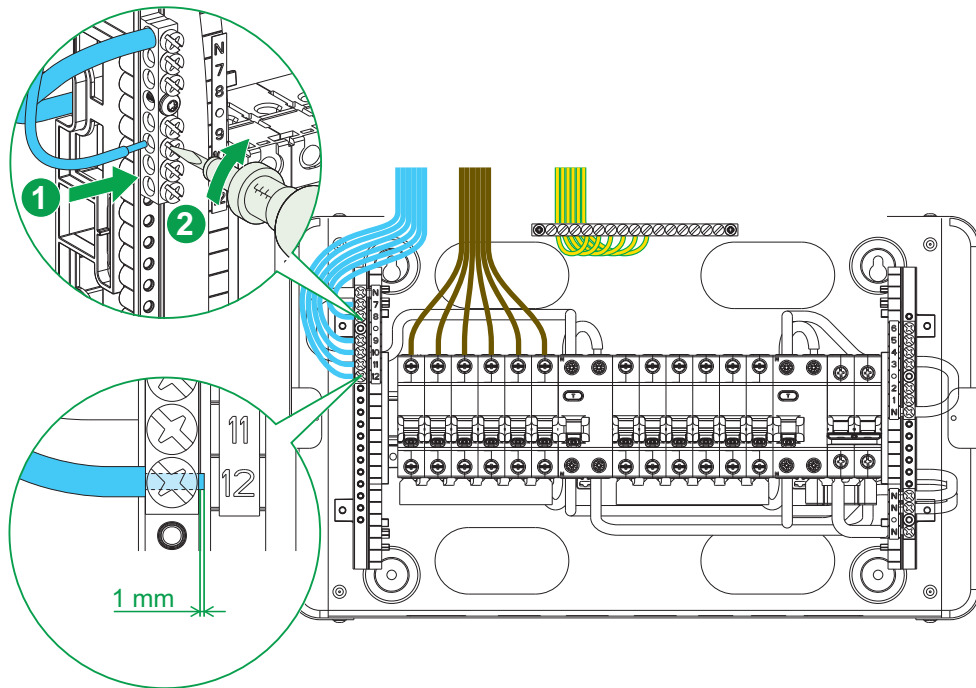
## HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Respect a clearance of 7 mm to neutral link.
  - Check that the busbar is fully located in MCB's and incomer.
  - Tighten all connections to recommended torque settings.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**



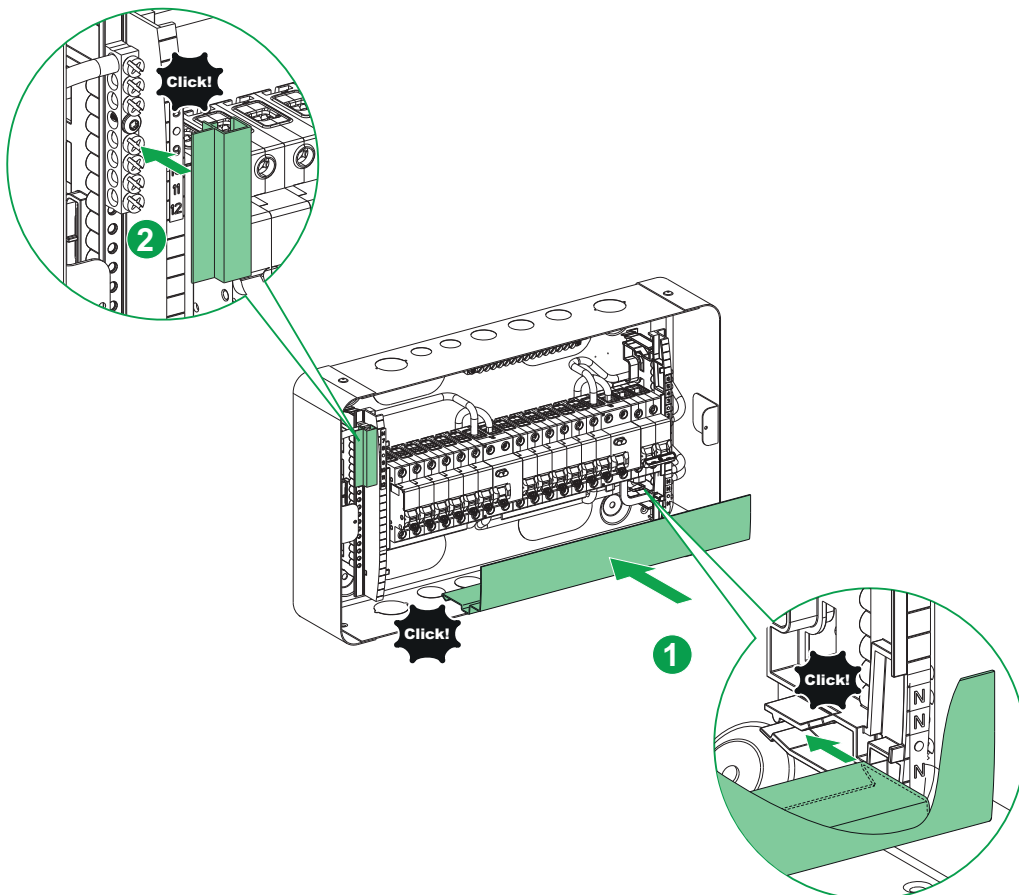
|                 |  |  |  |
|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Incoming switch | 3.5 N.m                                                                               | 6.5 mm                                                                                | PZ2                                                                                   |
| RCCB            | 3.5 N.m                                                                               |                                                                                       |                                                                                       |
| MCB 3 - 25 A    | 2 N.m                                                                                 |                                                                                       |                                                                                       |
| MCB 32 - 50 A   | 3.5 N.m                                                                               |                                                                                       |                                                                                       |
| RCBO            | 2 N.m                                                                                 |                                                                                       |                                                                                       |
| Terminal bars   | 2.5 N.m                                                                               |                                                                                       |                                                                                       |

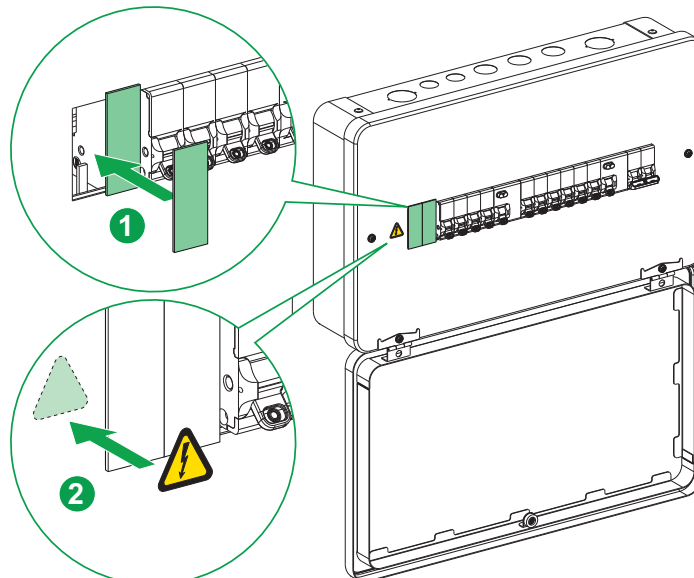
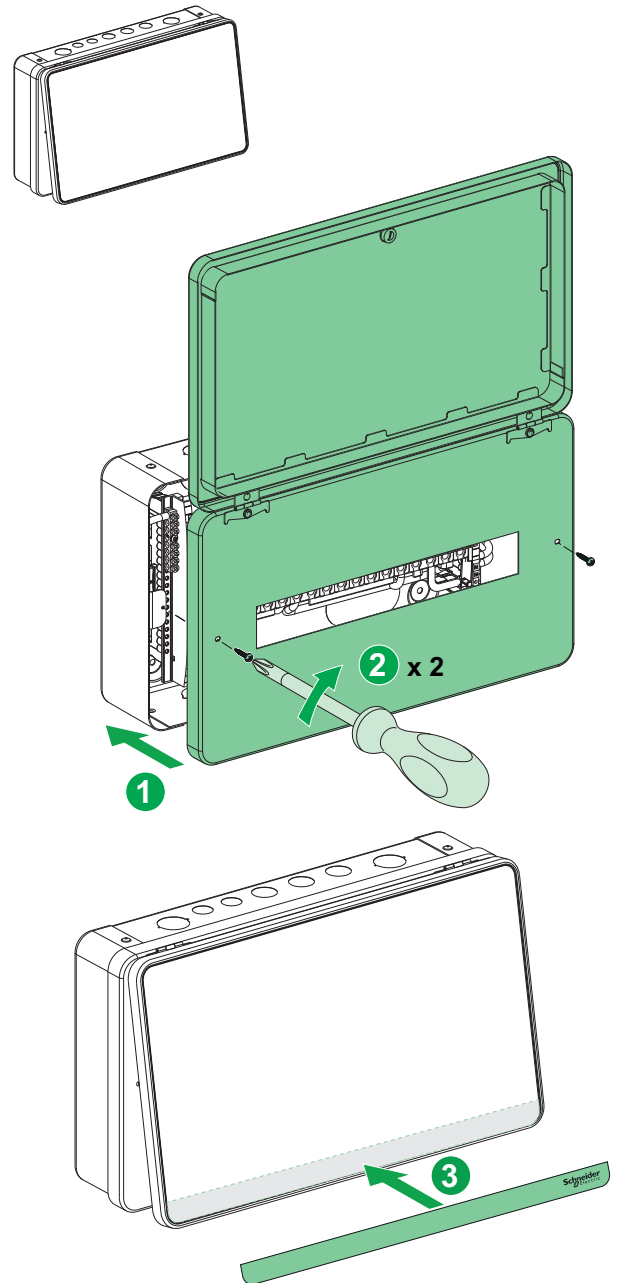
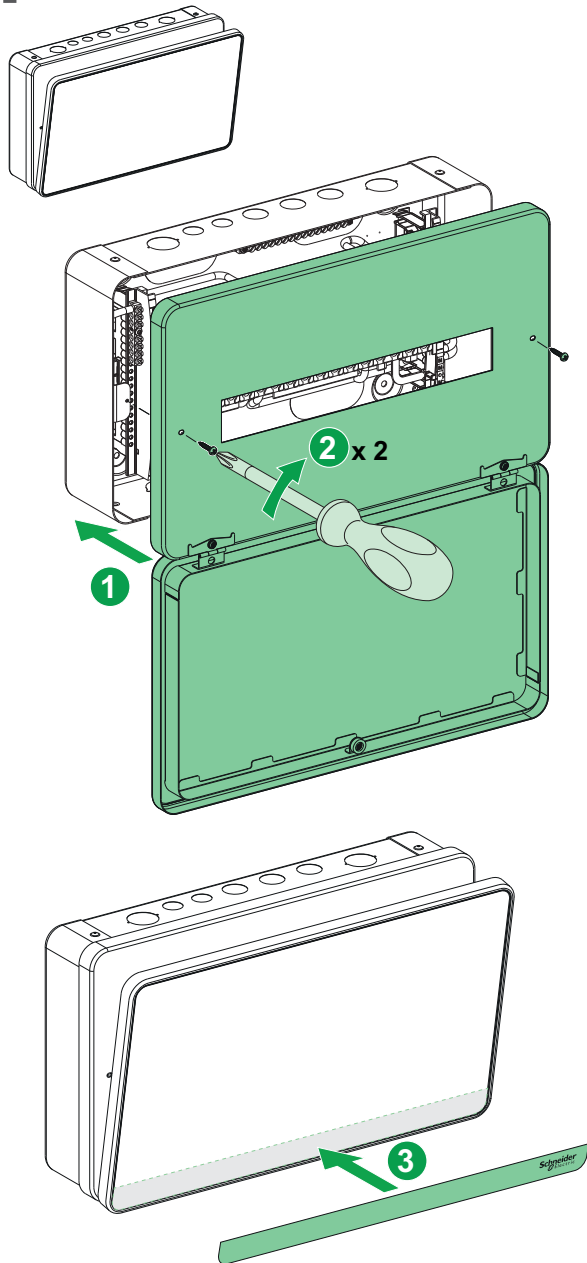
# 9



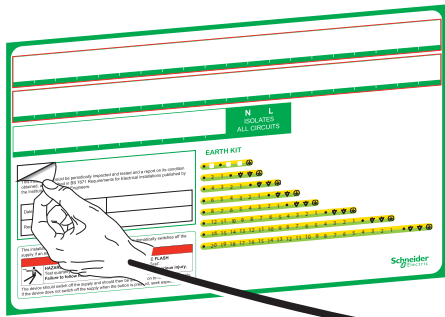
|                 |  |  |  |  |  |  |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Incoming switch | 20 mm                                                                             | ≤ 50 mm <sup>2</sup>                                                              | ≤ 35 mm <sup>2</sup>                                                                | 3.5 N.m                                                                             | 6.5 mm                                                                              | PZ2                                                                                 |
| RCCB            | 16 mm                                                                             | ≤ 35 mm <sup>2</sup>                                                              | ≤ 25 mm <sup>2</sup>                                                                | 3.5 N.m                                                                             |                                                                                     |                                                                                     |
| MCB 3 - 25 A    | 16 mm                                                                             | ≤ 25 mm <sup>2</sup>                                                              | ≤ 16 mm <sup>2</sup>                                                                | 2 N.m                                                                               |                                                                                     |                                                                                     |
| MCB 32 - 50 A   | 16 mm                                                                             | ≤ 35 mm <sup>2</sup>                                                              | ≤ 25 mm <sup>2</sup>                                                                | 3.5 N.m                                                                             |                                                                                     |                                                                                     |
| RCBO            | Lin ≤ 14 mm / L&Nout ≤ 16 mm                                                      | Lin ≤ 25 mm <sup>2</sup> / L&Nout ≤ 16 mm <sup>2</sup>                            | Lin ≤ 16 mm <sup>2</sup> / L&Nout ≤ 10 mm <sup>2</sup>                              | 2 N.m                                                                               | 5.5 mm                                                                              | PZ2                                                                                 |
| Terminal bars   | 10 mm                                                                             | ≤ 25 mm <sup>2</sup>                                                              | ≤ 16 mm <sup>2</sup>                                                                | 2.5 N.m                                                                             | 6.5 mm                                                                              | PZ2                                                                                 |

# 10

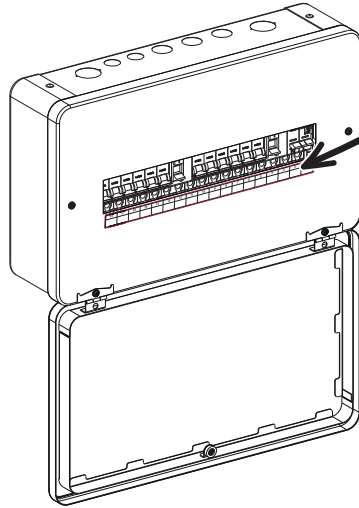




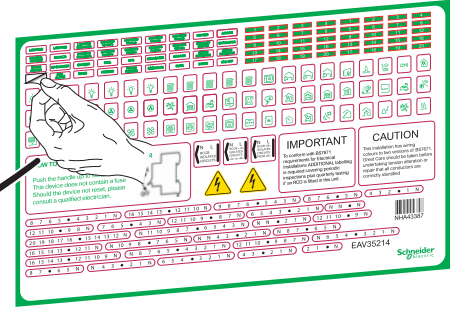
# 13



1

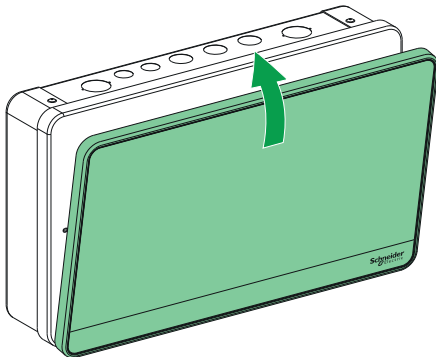


2



# 14

Bottom Hinged



Top Hinged

