

⚠ Important Safety Notice

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.

All connections should be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



General Information:

- This unit must be installed by a fully qualified electrician in accordance with current IEE regulations
- The product must be tested after installation
- Please ensure these instructions are available to the end user for future reference
- Total load not to exceed the rating of of the incoming main switch or RCCB
- The total sum of the individual MCB ratings may exceed this value where there is an appropriate diversity factor on the installation (please refer to current IEE regulations)
- It is important to ensure that all electrical connections (including factory connections) are tight, ensure that all terminal screws are tightened firmly.
- This product is only suitable for indoor installation

■ Manufactured to:

Consumer Unit: BSEN60439-3 / MCB: EN60898 / RCCB: EN61008-1/ RCBO: EN61009-1

Main Switch: EN60947-3 / All MCBs, RCCBs & RCBOs SEMKO certified

Split Load / 17th Edition (BS7671: 2008) Boards:

- Using the universal easy fit busbar, decide what split is required and cut the busbar accordingly - noting that the extra long feeder pin is for the isolator side
- It is recommended that the highest rated MCB is fitted closer to the main incoming device
- Make sure the MCB is engaged onto the mounting rail, tighten the terminal screw to the busbar and check
- Before fitting the front cover check that each earth & neutral outgoing circuit is correctly made to its corresponding numbered terminal
- Blank out any unused ways
- Use the pre-printed labels to identify the circuits
- Make sure to replace the busbar insulation shield
- Replace the front cover and secure

Testing of the Installation:

- After installation is complete it is essential to test the unit in accordance with the latest edition of the IEE wiring regulations for electrical installations (BS 7671)

The test should include: Operation of the test button of any RCDs fitted / Verification that the earth loop impedance requirements are satisfactory.

Consumer Unit Dimensions (mm)			
Type	Height	Width	Depth
MECU-8	240mm	240mm	105mm
MECU-10	240mm	276mm	105mm
MECU-14	240mm	347mm	105mm
MECU-18	240mm	415mm	105mm
ELCU16	249mm	365mm	107mm
ELCU20	249mm	437mm	107mm

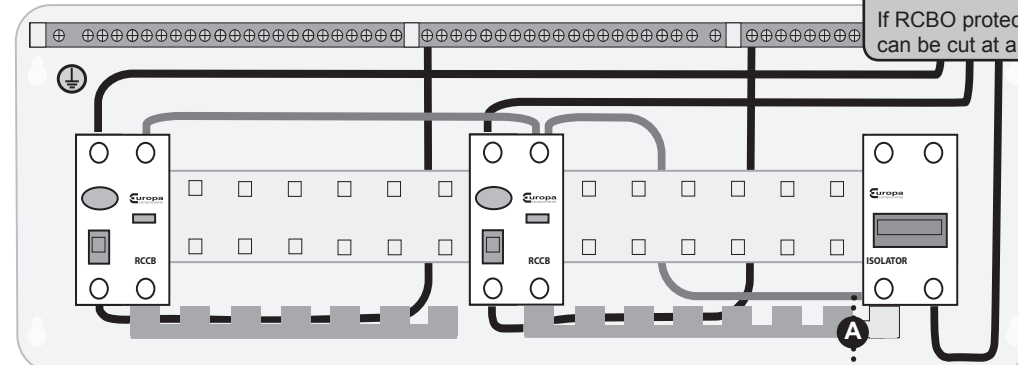
Device	Max Cable Capacity (mm ²)	Recommended Tightening Torque
Main Switch / RCCBs	35mm	2.5Nm
MCBs	16mm	2.0Nm
RCBO	16mm	2.0Nm
Earth & Neutral Terminals	16mm	2.0Nm

Cutting The Busbar !

The Busbar between the mid RCCB and the Main switch Isolator must be cut.

If no individual RCBO protected circuits are required then cut at point **A** and ensure this busbar is not connected to the isolator.

If RCBO protected circuits are required then the bar can be cut at another point along its length.



**Ensure These
Instructions are Made
Available to the End User
for Future Reference**