

This flexibility can be particularly useful when working within confined spaces, helping installers organise cable entry and reduce congestion within the board.

Each consumer unit is supplied with a DIN rail and earth terminal bar, allowing installers to begin assembly immediately. Internal spacing has been arranged to provide clear access for wiring, helping maintain an organised layout that also supports straightforward inspection and testing.

### **RCBOs Without Fly Neutral Leads**

A key feature of the SRN system is the use of the RNC series single-module double-pole RCBOs, designed without traditional fly neutral leads.

In conventional consumer units, RCBOs often include flexible neutral leads that must be individually connected to the neutral bar. As circuit numbers increase, these extra conductors can accumulate inside the enclosure, creating wiring congestion and slowing installation.

By eliminating the fly neutral lead, the SRN system simplifies internal wiring. Both the live and neutral conductors of each circuit are terminated directly into the RCBO. This reduces the number of conductors within the enclosure and creates a cleaner internal layout, helping speed up installation while also improving accessibility for inspection, testing and maintenance.



### **Integrated Live and Neutral Busbar System**

Complementing the RCBO design is the SRN range's integrated 100A copper busbar system. This assembly distributes both live and neutral conductors through a single compact structure, connecting the main switch and all RCBOs without the need for additional neutral wiring.

RCBOs can be installed directly onto the busbar, allowing the board to be assembled quickly and efficiently while maintaining a tidy internal arrangement.