# Rotasoc - Information and Instruction Sheet

IMPORTANT WARNINGS

1. **Isolation:** Isolate the circuit when connecting and disconnecting modules.

2. **Installation and testing:** The system should be installed, tested and maintained by a skilled or instructed person in accordance with BS7671 when classified as part of the fixed electrical installation, or BS6396 when classified as an electrical systems in office furniture or educational furniture. Applicable National Standards need to be complied with when installing outside the UK.

3. **Protection:** The circuit must be protected by a suitably rated protective device in accordance with the above.
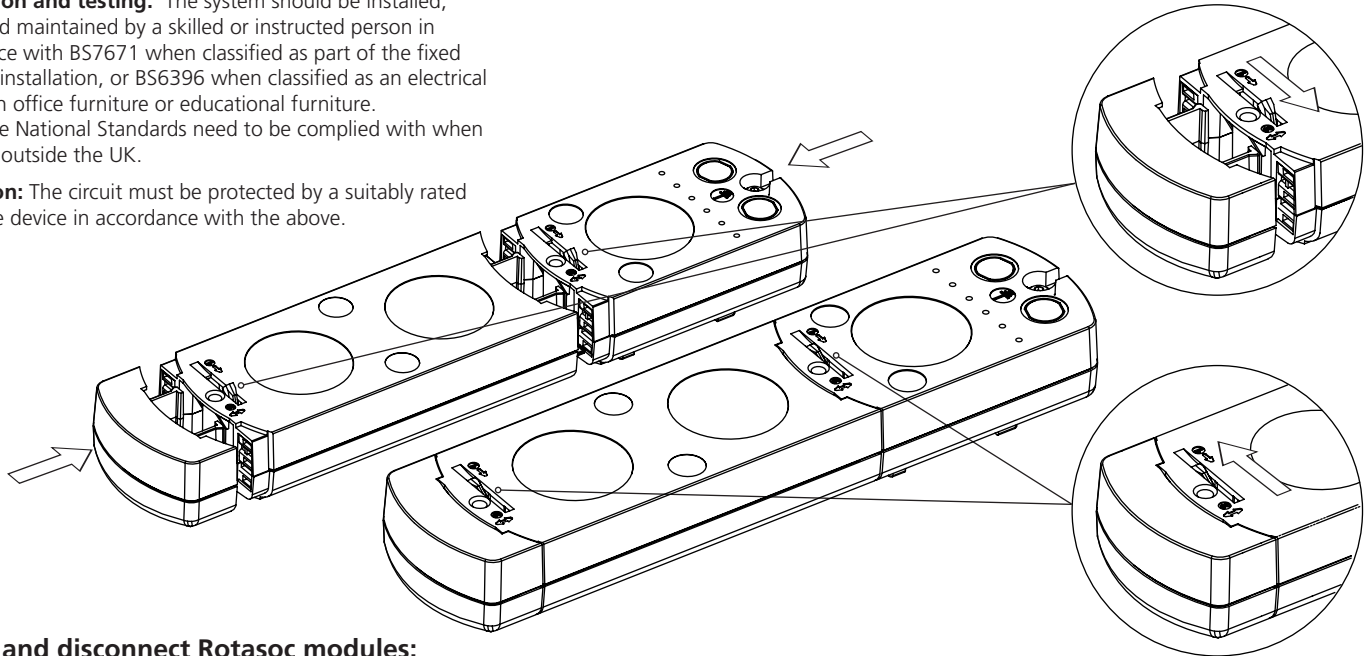
To connect and disconnect Rotasoc modules:

1. Connection/disconnection to be made by a skilled or instructed person only.

2. Check that both male and female ends have the same colour coded busbar shield.

3. Turn the modules over and release the grey cam-lock lever with a small screwdriver into the upright position.

4. Locate the male and female ends and push together until fully closed.

5. Press the grey cam-lock lever over until flush with the casing to lock the modules together.

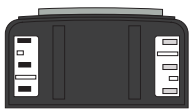6. To disconnect, reverse the procedure.

To fix modules to surface:

1. Flip up the rubber screw cover caps with flat blade screwdriver.

2. Insert a No 8 pozi-pan screw or M4 bolt to the required length through the holes.

3. Tighten the screw/bolt down to mounting surface.

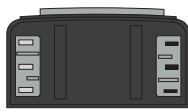4. Push the rubber screw cover caps down.
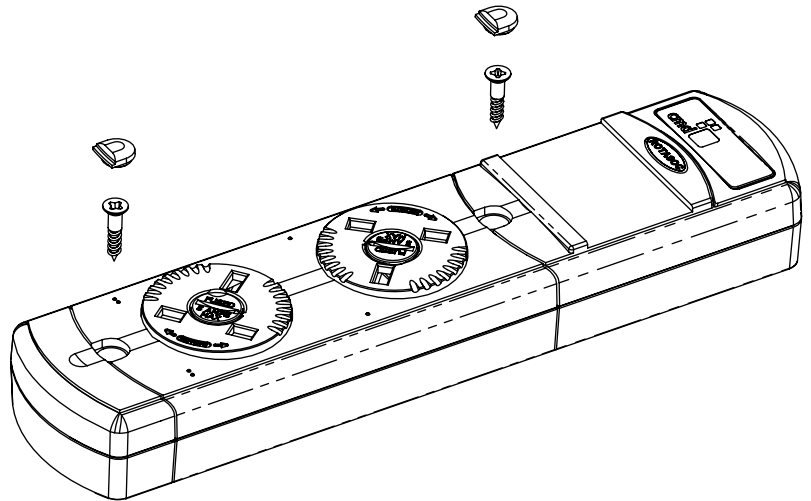
Coloured busbar shield system
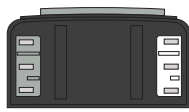
Standard system	Clean system	Dual system
White White	Red Red	Red White

When connecting modules together, ensure that the coloured busbar shields are colour matched and correctly aligned. Do not connect modules if shields are of different colours.
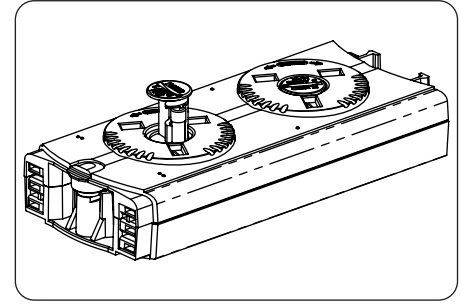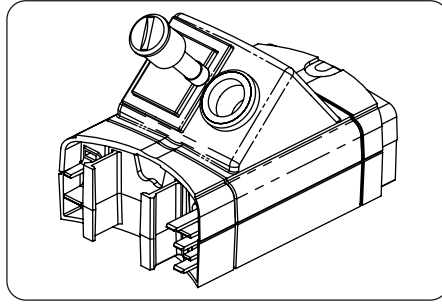
Cleaning, Storage & Maintenance

Cleaning	Dry cloth, no abrasives or solvents to be used on the module surface.
Handling & Storage	Do not drop or expose to moisture.
Maintenance	Do not dismantle or remodel the power module.

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Changing the fuse
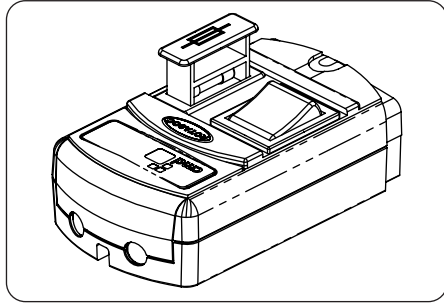
Rotasoc 16A Infeed Module:

1. Isolate power.

2. Pull the fuse carrier up using the tabs on either side of the fuse carrier.

3. With a suitable tool remove the fuse using the slot in the back of the carrier.

4. Fit a replacement fuse into the bottom of the fuse carrier (10 Amp max).

5. Push the fuse carrier down until closed.

Note: Extra space has been allocated in the top of the fuse carrier for a spare fuse.

Rotasoc Protection Module:

1. Isolate power.

2. Insert a suitable screw driver in to the slot on top of the fuse carrier.

3. Fully unscrew by turning anti-clockwise until the fuse is released.

4. Remove the fuse carrier clear of the module.

5. Fit a replacement fuse to the specified rating and reverse the procedure above (BS1362). (13 Amp max).

Rotasoc Fused Socket Module:

1. Isolate power.

2. Insert a suitable screw driver in to slot in the centre of the socket.

3. Rotate the fuse holder 1/4 turn anti-clockwise.

4. Pull the fuse carrier up until fully extended.

5. Remove the fuse.

6. Fit a replacement fuse to specified rating and reverse the procedure above (5 Amp max).

32A rewirable infeed
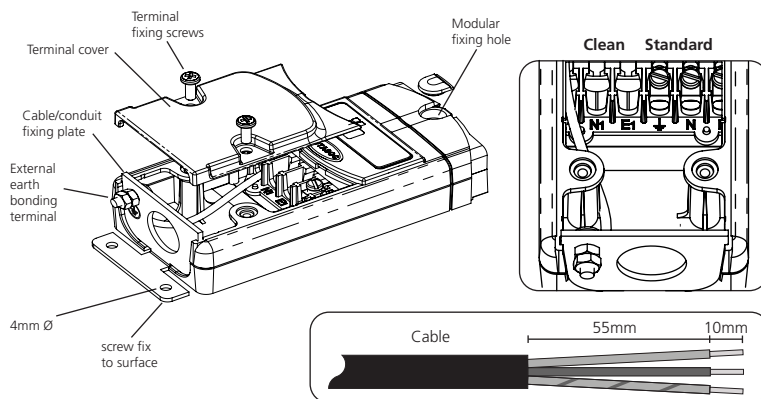
16A rewirable infeed
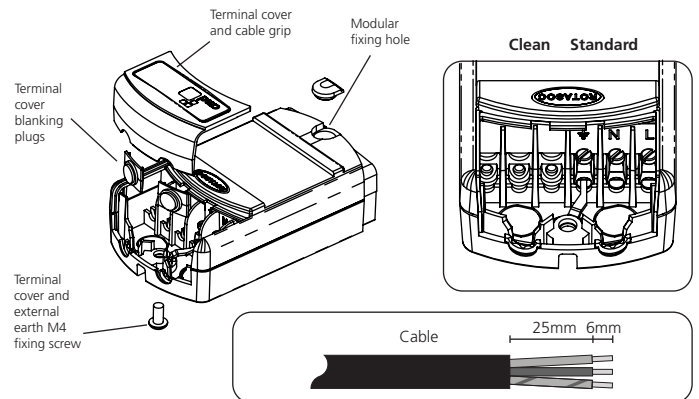
To wire 32A module:

1. Remove the terminal cover by loosening the fixing screw on either side of the terminal cover.

2. The cable or conduit should be fixed to the cable/conduit fixing plate with a suitable gland (Ø20mm) incorporating cable restraint.

3. Prepare the cables as shown above and coil surplus wire inside the module.

4. Insert conductors (live, neutral, earth) into the marked terminals and tighten fully using a suitably sized slotted screwdriver to a maximum torque setting of 2Nm. See above diagram. If the terminals position moves in transit, these can be repositioned by using a small screwdriver.

5. Replace the terminal cover, insert and tighten fixing screws. Make sure the front edge and the lugs are clipped under the main body.

   Note: The terminals are marked L, N, ⏚ for standard supply and L1, N1, E1, ⏚ for clean earth (CE) low noise earth.

To wire 16A module:

1. Remove the terminal cover by loosening the M4 fixing screw located underneath the infeed module.

2. Prepare the cables as shown above (3 core x 1.5mm² only).

3. Remove the terminal cover blanking plug.

4. Insert conductors (live, neutral, earth) into the marked terminals and tighten fully using a suitably sized slotted screwdriver to a maximum torque setting of 0.8Nm. See above diagram.

5. Insert the flex into the location groove on the inside base of the module in line with the terminal.

6. Locate the blanking plug in the base of the unused cable entry and replace the terminal cover.

7. Insert and tighten the M4 fixing screw to grip the cable and to close lid.

   Note: Terminals are marked L, N, ⏚ for standard supply and L1, N1, E1, for clean earth (CE) low noise earth.