



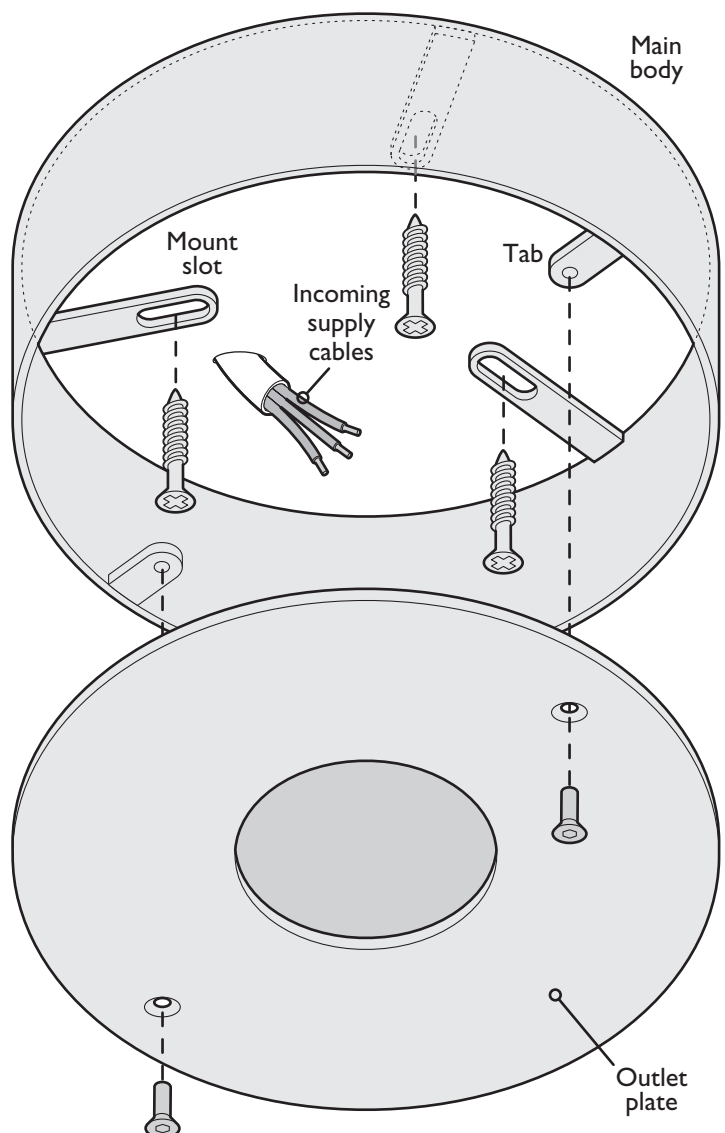
11-POINT ROSE

WARNING Never take risks with electrical safety. Always disconnect the mains power before beginning any electrical work and test that it is isolated - it is NOT enough just to turn off the light switch. Electrical products must be installed in accordance with IET regulations (BS 7671). If you are in any doubt, always consult a qualified electrician or an experienced person registered with an electrical Competent Person Scheme. Further information is available online or from your Local Authority. If the lighting circuit is not protected by a Residual Current Device (RCD) then the installation should be carried out and tested by a qualified electrician. If necessary, use a suitable stepladder, but first read the useful advice given by the Health and Safety Executive. Visit www.hse.gov.uk and search for 'using stepladders'.

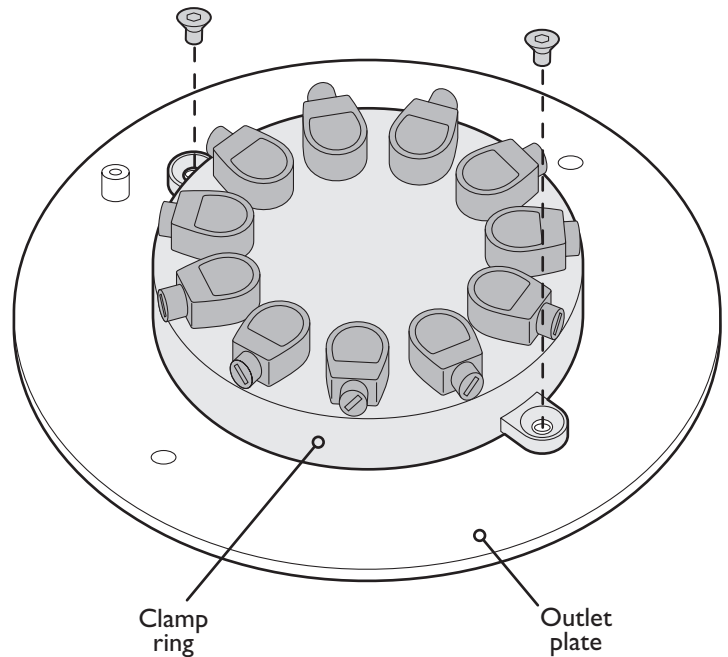
Before you start anything, please make a cup of tea and read these instructions fully. If you are in any doubt, STOP and seek professional help. Do not proceed unless you are absolutely sure.

To fit your 11-point rose

- 1 Shut off power to the circuit and use a tester to ensure power has been completely isolated.
Note: Your 11-point rose kit is not suitable for use in circuits with ratings that exceed 10 Amps.
- 2 Label, photograph and then disconnect the cables from the original rose.
Note: Depending on how your property is wired, you may need to purchase additional Wago connectors for loop connections. Please visit www.dowsingandreynolds.com for options.
- 3 Remove the original rose from the ceiling.
- 4 Use the supplied 2.5mm hex key to remove the two screws that secure the outlet plate to the main body of the 11-point rose.
- 5 Determine where your new 11-point rose can be screwed into the ceiling. It is preferable that the three screws are driven into solid surfaces/beam(s) above the ceiling surface. It is also vitally important that they do not disrupt any cabling in the ceiling space. Take time to properly survey the location.
- 6 Check that the supplied screws are suitable for the mounting location and, if so, insert them through at least two of the main body mount slots (preferably all three) into the beam(s) above the ceiling to secure. *Note: For concrete/masonry type surfaces, also use the supplied wall plugs.*



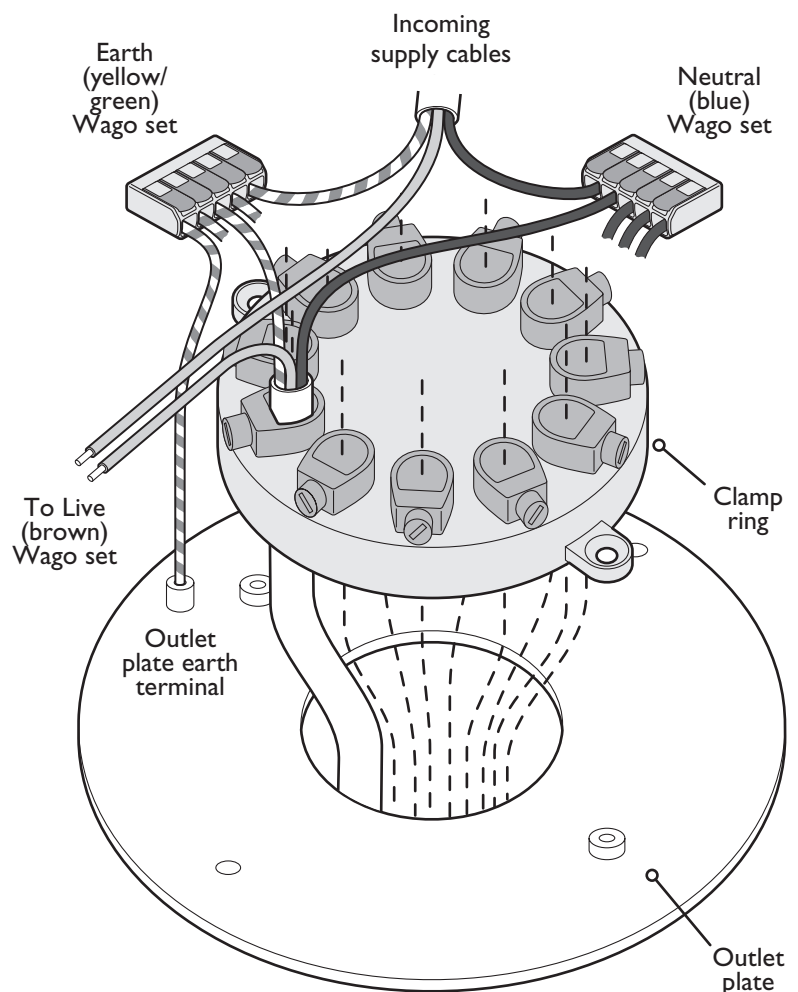
- 7 Use the supplied 2.5mm hex key to remove the two screws that secure the clamp ring to the outlet plate.



- 8 Prepare each of your pendant cables by stripping the outer sheath back to reveal roughly 150mm of the cables.

Note: Your pendant cables must have a minimum conductor cross sectional area of 0.5mm² and a temperature rating of 85°C. Cable options are available from www.dowsingandreynolds.com

- 9 Insert each pendant cable up through the centre hole in the outlet plate and then through a vacant cable clamp in the clamp ring. Allow each cable sheath to protrude roughly 5mm up through its clamp and then tighten the plastic clamp retaining screw.
- 10 Arrange the supplied Wago® connector sets evenly around the perimeter of the clamp assembly and trim each Live, Neutral and Earth pendant cable so that they reach the required connector comfortably but without leaving too much excess length (note: it's quite tight for space in there once all eleven pendant cables are inserted and connected). See the next page for more information about the Wago sets.
- 11 Connect the Earth cable from the outlet plate to a spare entry on the earth (yellow/green) Wago set.
- 12 Once the connections have been made and double checked, secure the clamp ring onto the outlet plate using the two small screws removed earlier.
- 13 Raise the whole outlet plate/clamp ring/pendant cable assembly up to the main body and connect the incoming Live, Neutral and Earth supply cables to the relevant Wago connector sets.
- 14 Insert and tighten the two long screws to secure the outlet plate assembly to the main body. As you do so, ensure that the pendant cables and Wago connectors sets are evenly spaced and do not become trapped or pinched.
- 15 Fit your chosen lamp holder(s) to the cable drop(s), insert the lamp(s) and restore power to the circuit.

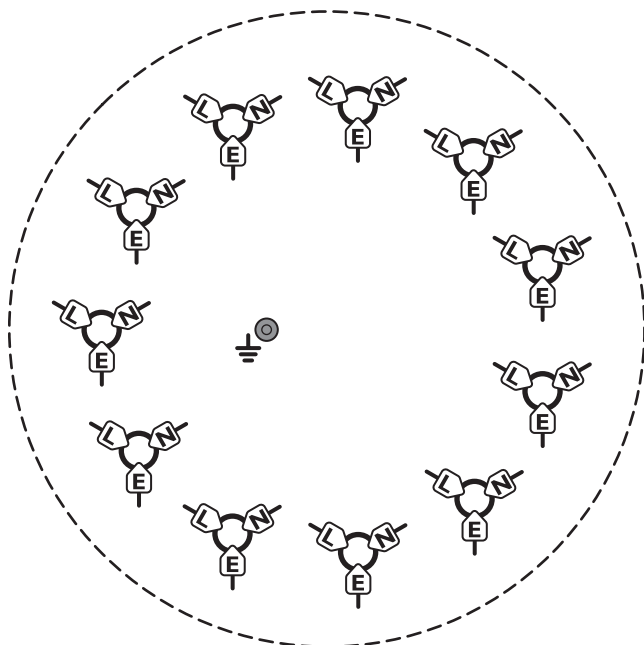
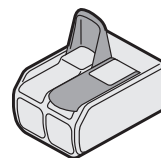


Note: For clarity the above image shows only a single pendant cable and part of two Wago sets.

Making connections

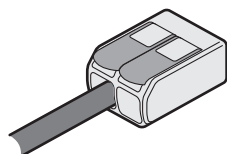
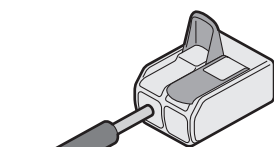
Your 11-point rose is supplied with pre-linked sets of Wago® connectors. Each of these connectors link together all of the wires that are inserted into them, so you need to use one Wago set for Earth (E), one for Live (L) and one for Neutral (N). The diagrams below show you how each set of Wago connectors should be arranged for each rose type.

IMPORTANT: Ensure that a valid protective earth connection ($\perp$) is made to the earthing terminal on the outlet plate.



Using Wago connectors

- 1 For each cable, expose 11mm of the conductor and, if the cable is stranded, twist the strands.
- 2 Lift a lever and push the cable all the way in so that none of the bare conductor is left exposed.
- 3 Push the lever down to lock the cable in place.



Connection	Old wire colours	New wire colours
Live (L)	Red	Brown
Neutral (N)	Black	Blue
Earth ($\perp$)	Green	Green/Yellow

