

Economy batten and premium batten AC

Doc no. 29-00002



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Congratulations

Congratulations on choosing to use this ABB product covered by our unique through-life support system. This document is designed to assist you during the installation of this product; for the safety of yourself and others **ABB recommends that you read this document thoroughly before commencing installation.** The fittings are designed for easy installation. They are advanced pieces of electronic equipment which, when treated with care and maintained through regular and appropriate servicing, will perform reliably for many years to come.

Safety warning

In Australia and New Zealand, only licensed electricians are permitted by law to work with 240 volt electrical installations. Do not attempt to install or connect this product unless you are a licensed electrician. Turn off and isolate the electrical supply before connecting this fitting to the building wires. Do not touch the terminals of the terminal block when the light fitting is energised. The only user-serviceable parts are fluorescent or halogen lamp/s. LED light sources are not user-serviceable. Do not tamper with the fitting or the warranty will be void. As the installer, it is your responsibility to ensure compliance with all relevant building and safety codes, (ie: AS3000, AS/NZS2293). Refer to the applicable standards for data and mains cabling installation procedures and requirements.

Important note: This product is designed for indoor use only.

Temperature range +10°C to +40°C.

Installation instructions

1. Remove the unit from the packing box and inspect it for damage or imperfections. If any damage is found, do not install the unit, but replace it carefully into the packing box and notify the ABB product support hotline in Australia on 1800 222 435.
2. If all looks okay, installation can proceed.
3. Undo the centre retaining nut (where fitted) and the 2 cover screws as shown in figure 1 and remove the cover.
4. The batten can be either ceiling or wall mounted. Put the batten against the wall or ceiling; mark the position of the mounting screw holes. For side cable entry; remove the appropriate cable entry knockout.
5. Secure the batten to the ceiling or wall using appropriate fixings (not supplied) depending on the type of building construction material used.
6. Route the mains cable through the cable entry hole. The cable needs to be mechanically protected with a grommet, gland or bush as it passes through the cable entry hole.
7. Strip 9mm insulation length from mains cable, connect and terminate wires to the terminal block. Be careful with multi-strand conductors that all the strands are twisted together before insertion into the terminal. Any stray strands that inadvertently come into contact with their neighbouring terminal will cause undesirable results when the fitting is powered.

Wire/fitting type	
Switched active	Wire to terminal S/A
Neutral	Wire to terminal N
Earth	Wire to terminal E or 
Spare	Can be used for looping

8. Insert and click the lamp holders in place.
9. Re-install the cover and secure it to the base with the centre retaining nut (where fitted) and the 2 cover screws as shown in figure 1.
10. This step is for the economy batten with magnetic ballast only; check that the starter/s are fitted.
11. Fit the appropriate fluorescent lamp/s (lamp/s are not supplied with the fitting). Energise the fitting and check that the lamp/s operate correctly.
12. If required, install the diffuser or wire guard (not supplied, sold separately).

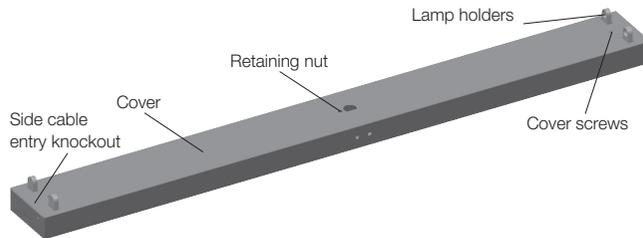


Figure 1

Removal instructions

1. Before removing the installed fitting, de-energise and lock off the supply circuit.
2. Remove the diffuser or wire guard (if fitted) and then remove the lamps.
3. Undo the centre retaining nut (if fitted) and the 2 screws and remove the cover as shown in figure 1.
4. Loosen the switched active, neutral and earth terminal screws and remove the supply cables from the terminal block.
5. Unscrew the mounting fasteners and remove the base.

Trouble shooting guide

If you have installed and connected the unit as per the instructions listed earlier and it does not function correctly, use the following table as a guide to fixing the problem. Look up the type of fault in the left column and check the possible causes from the right column.

No.	Fitting type	Fault	Possible causes
1	AC	Lamp does not light up when connected to mains	AC supply not connected; or AC supply turned off; or Switch active turned off; or Lamp damaged; or Lamp not inserted properly

If the unit still does not work after checking these possible causes, contact ABB service in Australia on 1800 222 435, Monday to Friday, 7.00am to 5.00pm (AEST) and ask for help. Our trained service personnel will usually be able to take your call immediately and assist you in resolving your difficulty. ABB is committed to providing valuable through-life support for its products.