



# Wiring Accessories

2 Pole And 4 Pole Rotary Isolator



## Safety Warning

For your safety, this product must be installed in accordance with local Building Regulations.

If in any doubt, or where required by the law, consult a competent person who is registered with an electrical self-certification scheme.

Further information is available online or from your Local Authority.

Please read carefully and use in accordance with these safety wiring instructions. Before commencing any electrical work ensure the supply is switched off at the mains either by switching off the consumer unit or by removing the appropriate fuse or turning off MCB (trip). Wiring should be in accordance with the latest edition of the IET regulations (BS 7671).

To prevent fire hazard always use cable of the correct rating, size and type for the application.

Any bare earth wires must be covered with appropriate green/yellow sleeving. Warning do not exceed the load rating of this device as stated on the rear of the product.

If in doubt consult a competent electrician.

## Wire Identification

Note - As from 1st April 2004 new colour codes for hard wire installations were introduced.

**EARTH** = Green/Yellow Sleeving

**NEUTRAL** = Black (pre Apr 04) / Blue (after Apr 04)

**LIVE** = Red (pre Apr 04) / Brown (after Apr 04)



## Specifications

Insulated 2 pole and 4 pole, suitable for a.c.

Easy cable access top and bottom, metal via threaded entries top and bottom; plastic via M20/25/32 knock-outs.

Padlockable handle.

Switch interlocked with lid to prevent opening in ON position.

Earth terminals included.

Captive retained cover screws.

Manufactured and tested to BS EN 60947-3.

Metal IP66 dust and dust protection, mechanical resistance (IK10) preventing damage by accidental impact.

Plastic IP65 dust and dirt protection, mechanical resistance (IK07) preventing damage by accidental impact.

## Installation Instructions

These Rotary Isolators or Rotary switch disconnectors are used to switch power to commercial/light industrial applications. The switch can be used as an emergency stop, and can be locked in the OFF position using the surrounding ring and padlock.

Plastic enclosure features a red switch with yellow surround.

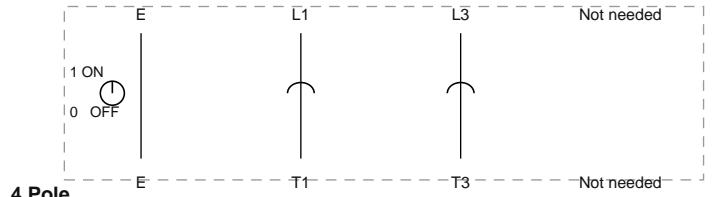
The metal version is all black.

Before use please read and carefully use in accordance with these safety wiring instructions.

To ensure satisfactory operation these products should be installed by a competent person. If in doubt seek advice from a qualified engineer.

## Figure 1: Wiring Diagram

### 2 Pole



### 4 Pole

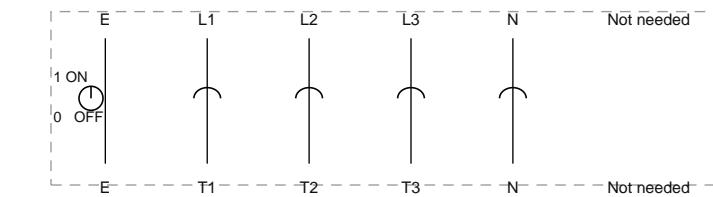


Table 1: Screw Torque and Maximum Cable Sizes

Rated Current(A)	16	20	25	32	40	63	80	100	125	150
No.of Poles	2/4									
Screw Torque(Nm)	0.8	1.2	1.2	1.2	1.2	1.2	2	2	2	2
Maximum Cable Sizes(mm <sup>2</sup> )	2.5	2.5	6	6	16	16	35	35	35	35

1. The rotary isolator switches are designed to be mounted on a vertical flat surface.

2. Mount securely to the wall using the fixing points, metal has 2, plastic has 4. It is advisable to use sealant to maintain the ingress protection.

3. The front cover can only be removed when switched in the OFF position.

4. Unscrew the two captive cover screws to remove the cover.

5. Remove the appropriate number of knockouts for the cable entries and exits required.

6. When wiring the device, refer to the wiring diagram in figure 1.

7. Do not exceed the maximum cable sizes.

8. To maintain the IP rating please ensure the correct gland is selected and fitted correctly.

9. Fix the front cover to the base, securing both cover screws.

## Batch Code Explanation

yyWxx Manufacturing date code, year of manufacture (yy) and week of manufacture (Wxx)

## Address/Helpline

**Luceco PLC**  
Stafford Park 1  
Telford TF3 3BD  
ENGLAND

**(EU) Luceco SE**  
C/ Bobinadora 1-5  
08302 Mataró  
SPAIN

If you have further technical assistance you can get in touch with our Technical Helpline on:

+44 (0)1300 249 279

technical.support@bgelectrical.co.uk

## Environmental Protection



This symbol is known as the "Crossed-out Wheelie Bin Symbol". When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.