

MERLIN GERIN
Compact NS
Castell Lock Kit reference 92325
 for use with Castell Interlock Type K form 4
 bolt projection: 19mm
 initial bolt projection: flush

Installation Instructions

1) The Compact NS Castell lock kit should contain the following components:

- 1 x Cam
- 1 x Shaft/Lock support
- 2 x M6 45 Hex. Hd. Bolts
- 2 x M6 16 Hex. Hd. Bolts
- 2 x M5 25 Screw
- 4 x M6 Nuts
- 4 x M6 Washers
- 2 x M5 Nuts
- 2 x M5 Washers
- 2 x Lock support bracket

2) The Front cover or door of the enclosure should be drilled to allow the rotary handle and lock barrel to protrude when the door/cover is closed. Allow a 50mm dia. hole centre to the rotary handle shaft. To the right of this on a 97mm centre a 38mm dia. hole should be allowed for the Castell lock (Fig. 1).

3) Secure the MCCB to its mounting base, and the rotary handle to the front cover of the enclosure. Cut the shaft supplied with the rotary handle kit to a length suitable for the enclosure depth. Position the front cover and check the operation of the rotary handle.

4) To fix the lock in position, a bracket is required to suit the depth of the enclosure. The bracket supplied has dimension "A" of 153mm, suitable for an enclosure depth of 191mm. Should a different depth be required, then the height of the bracket may be determined by the following:

- i) Measure the distance from the breaker mounting plate to the outside of the front cover/door.
- ii) Deduct 38mm from the distance obtained to give dimension "A" the height of the bracket required.
- iii) Fixing distances for the Castell lock arrangement may be found in Fig. 2 and Fig. 3.

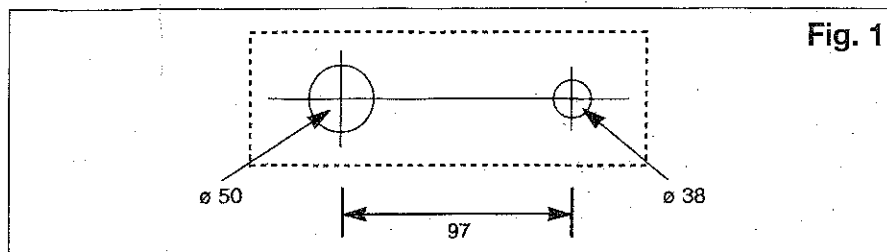


Fig. 1

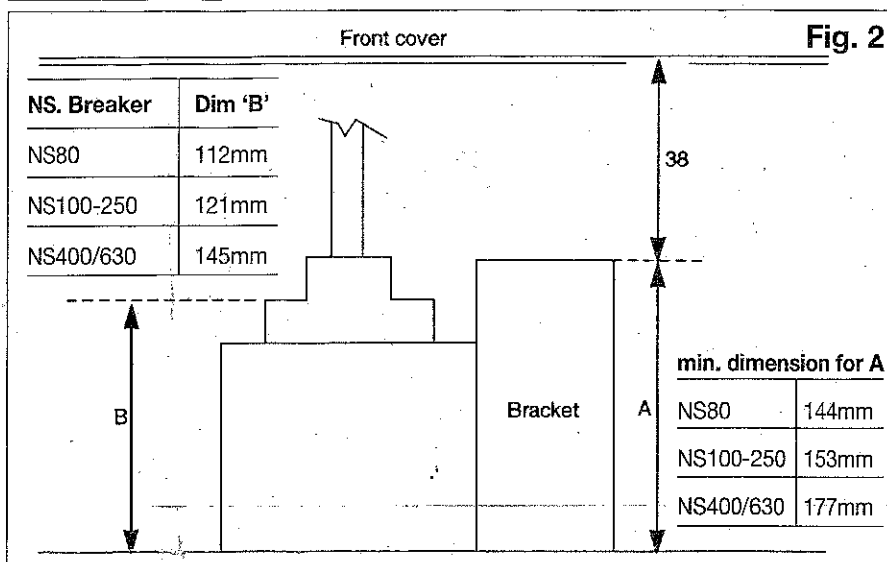


Fig. 2

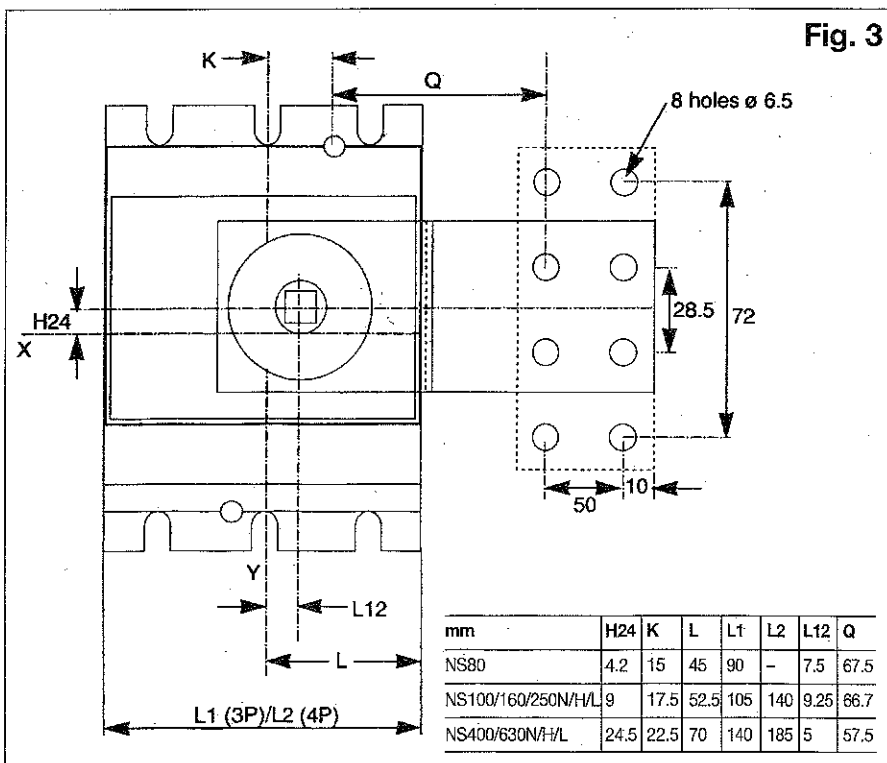


Fig. 3

5) Referring to Fig. 3, position and secure the bracket at the right hand side of the MCCB. The bracket and rotary handle shaft centres should align.

6) Attach the Castell support to the mounting bracket using the two M6 x 16 bolts supplied. The 38mm hole in the support should be centre to the shaft and front cover cut out/rotary handle.

Note: When fitted to the bracket the Castell support should lift way from the breaker (Fig 4).

7) Fix the Castell lock mechanism on top of the Castell support using the two M6 x 45 bolts supplied. The Castell support is sandwiched between the mounting bracket and Castell lock.

8) The key should be removed from the Castell lock, holding the bolt in a fully projected position.

9) Remove the shaft and slide the Castell cam over the bottom, reposition the shaft and adjust the height of the cam so that the "notch" envelopes the extended lock bolt. Secure the cam in position by tightening the two M5 x 25 screws.

Once assembled, operation of the device should be tested with the Castell lock key present and also removed.

Note: This assembly is not suitable for use with Compact "C" MCCBs.

Fig. 4

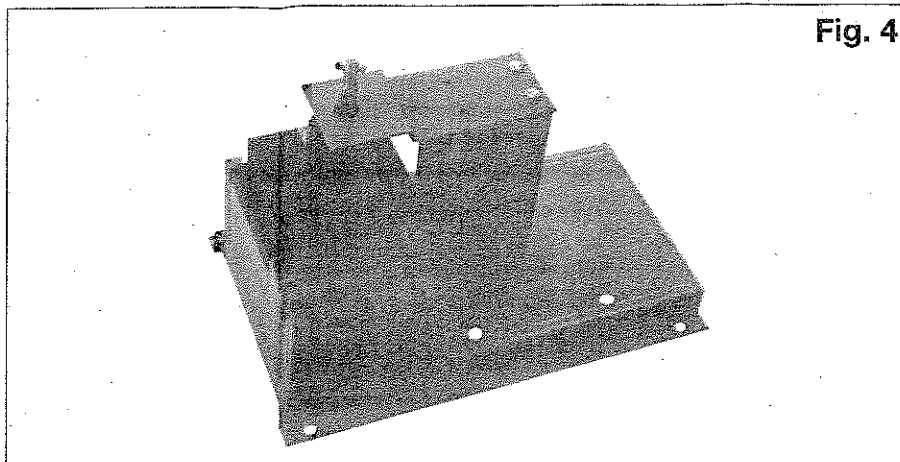


Fig. 5

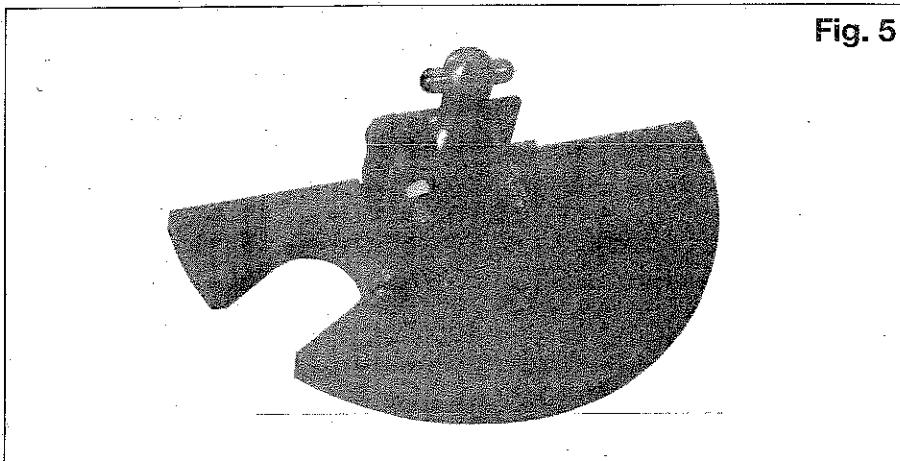
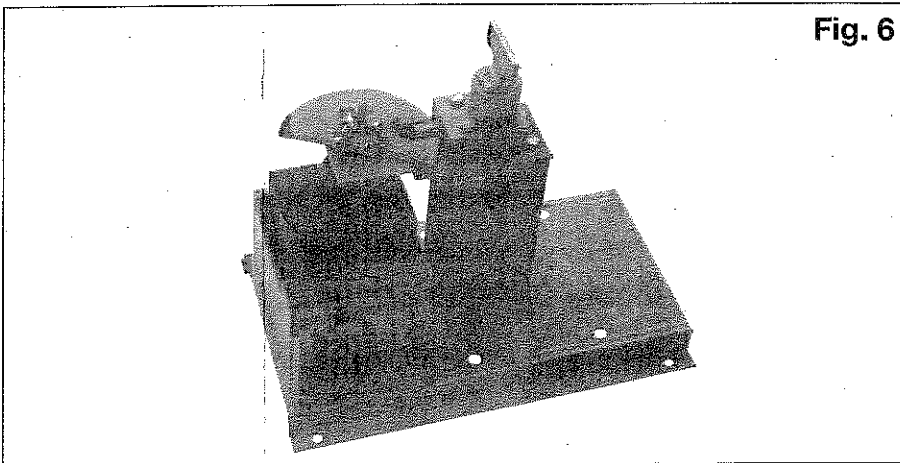


Fig. 6



Health & Safety at Work, etc Act 1974

To ensure that the equipment described is safe for both personnel and property it should be installed, commissioned and maintained by or under the supervision of qualified persons. Regard should be taken of IEE Wiring Regulations, Codes of Practice, Statutory requirements and any specific instructions issued by Merlin Gerin. Any operating or installation queries relating to these products should be communicated directly with Merlin Gerin.

