

DISTRIBUTION BOX BX3/4

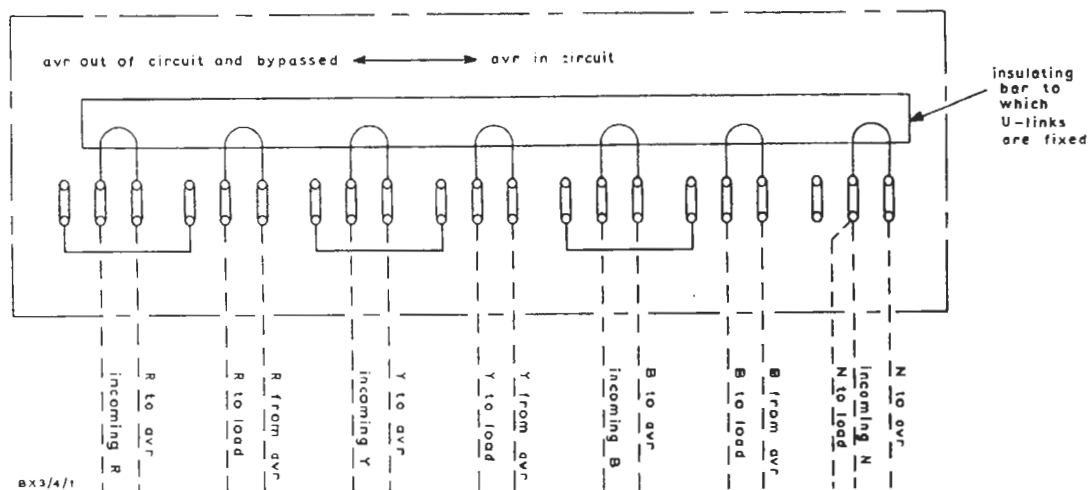


Fig. 1 Circuit of the BX3/4

The BX3/4* is a steel box containing terminals and change-over links for the purpose of isolating and bypassing an associated three-phase automatic voltage regulator. The box has a hinged door fitted with a Castell lock. The key for this is normally trapped in a separate isolator to ensure that the supply to the box is broken before the links can be adjusted.

Fig. 1 shows the arrangement of terminals and links. The two rows of 21 terminals are disposed vertically. External connections are made to the

right-hand row, and the change-over links are connected to the left-hand row. Seven U-shaped links are fixed to an insulating bar so that each can bridge two adjacent terminals.

To undertake bypassing of the a.v.r. the supply to the box must first be broken at the external isolator, this freeing a Castell key for use in opening the door. After removal of the nuts which hold it down, the link-bar is moved downwards to the appropriate position indicated by engraving on a supporting panel inside the box. Then the link-bar is bolted into its new position, the door is locked and the supply is remade.

* This code may not appear on the equipment.