

BBC SAFETY ALERT

This Safety Alert refers to a reported Safety-Hub incident, where a mains shock was received changing a fuse in a Bryant Mains Distribution Unit (bottom MDU unit in picture).



Date: 1st December 2022

Category: Electrical safety

Summary:

Investigations have shown that the fuse holder can potentially connect with the mains before it is fully inserted, exposing live mains outside the device. In the photo below the arrowed metal tang could become live as the fuse is inserted to around this depth. This issue appears to affect some Bryant MDU's but could be an issue with other MDU's which utilise this type of fuse holder.

Where Found?

In various LAR's and possibly studio areas.

What to do?

please ensure that your engineers are aware of this alert and that they are taking all necessary precautions when swapping fuses in panel mount fuse holders. Standard safe practice is to depower any equipment before replacing the fuse. A Risk Assessment RIS-58012 covers fuse replacement in MDUs, which can be referred to for information.

