

BS7671 - 17th Edition Guide to Junction Boxes

Introduction:

BS 7671: 2008 Requirements for Electrical Installations was issued on 1st January 2008 and came into effect 1st July 2008.

To satisfy the new regulations M2 have designed a junction box which suits all appropriate clauses:

526.9

'Exposed cores of sheathed cables shall be enclosed'

All potentially exposed conductors are enclosed within the junction box.

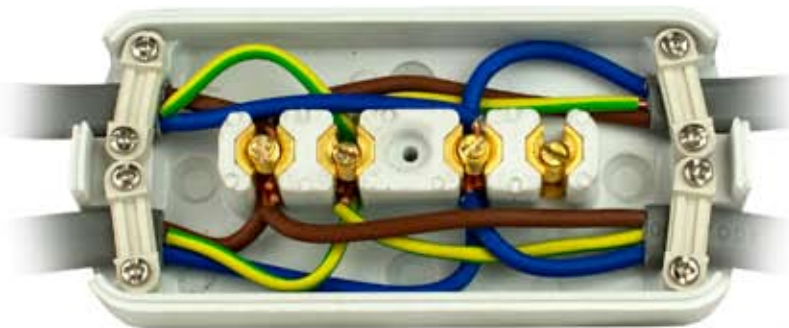
522.8.5

'Cable or conductor to be supported so as not to expose undue strain onto the terminations' - Conventional round junction boxes were designed without consideration for terminal stresses, with the JB5304 we have incorporated 4 cable clamps which secure 0.75mm² to 2.5mm² flex or cable with the facility to reverse the clamps for double cable clamping

522.8.3

'Bend radii in wiring systems are such that cables & terminals do not suffer damage & stress' Cable clamps eliminate stresses to terminations/cables, this is particularly relevant when the junction box is used on a downlighter installation where moving the box into position could cause stress to the terminals.

Product: JB5304 - Junction Box



Typical Ring Main applications

- Clamps 0.75mm² to 2.5mm²
- Flex & Cable securely clamped
- Exposed conductors avoided
- Eliminates strain on terminals
- 5 to 30 Amps Terminal capacity
- Durable Urea construction
- Easily accessible fixing holes
- Fits downlighter aperture Ø58mm+
- Reversible cable clamps for double cable entry
- One size suits all applications



- 5 - 30Amp
- 4 Terminals
- 4 Clamps



Typical Down Lighter applications

