RIVVAL RAIL

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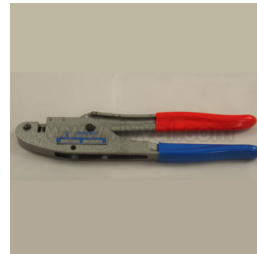HEALTH & SAFETY
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Product/Technical Information

Part Number - RP00441/1

Crimping Tool For Standard Q Type Relay Crimps Red/Blue Handle

More Information

'Q' STYLE RELAY TOOLS
The Deutsch MK3-RS8 crimp tool is a hand operated portable tool used to crimp removable connectors (style QC) onto various wire sizes, for termination at a 'Q' relay plugboard. The tool comprises a fixed jaw and a sliding jaw which is operated by squeezing the two handles together. The connectors will accept the following wire sizes and insulated covering. These wires may be crimped single or double:

• 7 x 0.44mm to WSL Spec 1320P22.
• 9 x 0.3mm Copolymer to Spec D.C SE1010.
• 9 x 0.3mm Rubber Polychloroprene to BR Spec 872 Type MC1.
• 16 x 0.3mm Rubber Polychloroprene to BR Spec 872 Type MC1.
• Alterative wire 24 x 0.2mm a   32 x 0.2mm PVC covered to   6231.
• Maximum conductor size 1.13mm2
• Minimum conductor size 0.63mm2

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CRIMP PROCEDURE
1. Strip a 5mm length of insulation from the end of the wire to be terminated, ensuring that insulation is stripped without damage to the conductor strands.
2. Slightly twist the stripped conductor strands so that no 'whiskers' are formed.
3. Position the connector in the crimping tool jaws so that the raised flange butts against the tool locator bar.
4. Squeeze the tool handles together until the connector is just held in position by the ratchet action.
5. Insert the wire (or wires if two are to be crimped simultaneously) into the connector barrel, then complete the crimp by closing the two handles together.
6. On completion, the handles of the crimp tool will spring apart to open the jaws and release the formed joint.
7. Routine checks should be made to ensure the tool is crimping correctly.
8. To test, first strip a length of either size cable such that the crimp will only grip the conductor. Then check that the crimp will withstand the pull-off forces detailed in the table below.

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