

## Disconnection Magazine

### TELECOM OUTSIDE PLANT

The UCS (Universal Connection System) family of products provides a reliable, quick and easy to use system for wire management.

The UCS Disconnection Magazine utilises an insulation displacement contact (IDC). This provides fast and reliable wire termination while eliminating time-consuming wire stripping and wrapping or soldering.

The design of the IDC terminals allows it to terminate a variety of wire sizes and insulation types. It will accept 0.40 mm to 0.80 mm (26 to 20 AWG) solid wire.

The contact will terminate hard PE wire insulations as well as the more common PVC insulation. It's made of silver plated brass alloy.

The UCS-DM is a 10-pair magazine designed for applications in which there is or will be a need for protecting, testing or breaking the circuits. This includes distribution frames and on customer premises, as well as in outside plant installations.

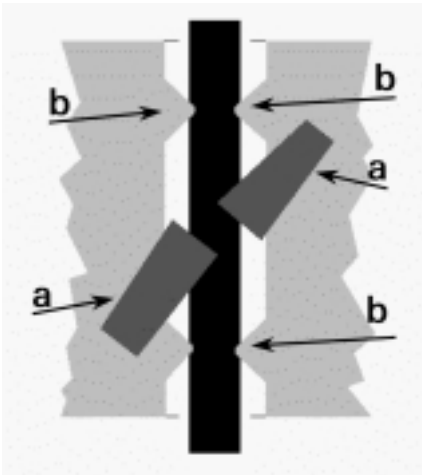
The plastic magazine surrounds each IDC terminal, making installation and tracing of wires simpler. All the terminals are recessed within the housing, providing an electrically "dead front" which virtually eliminates short circuits on the front face. Its design provides built-in break access capability which can be used for testing in both directions, for monitoring circuit performance or for circuit disconnection.

A wide range of protection options is available, as is a broad selection of accessories, such as test/patch-cords, magazine label holder, hinged label holder, circuit marker and line-opening plugs.



UCS-DM

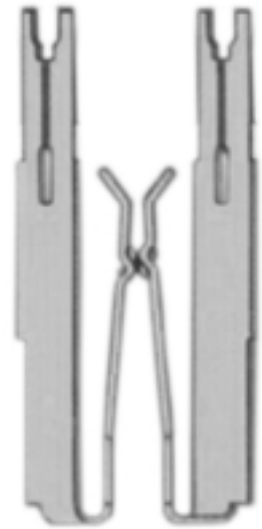
# UCS-DM



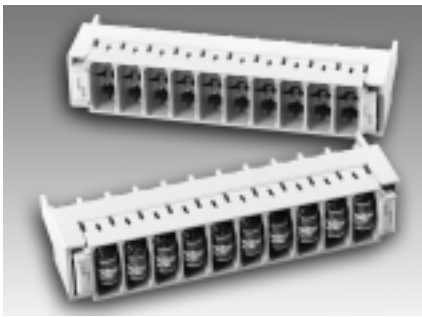
## The Contact advantages

The combination of both contact design **(a)** and slot ribs **(b)** lead to a significant improvement in the mechanical characteristics (stress and vibration resistance) of the connection by:

- (a)** guaranteeing a tighter fixation point and isolation of the wire.
- (b)** wire contact at 45° angles which increases the distance between opposite contact points, makes the installation easier and minimizes axial and torsional residual stresses.



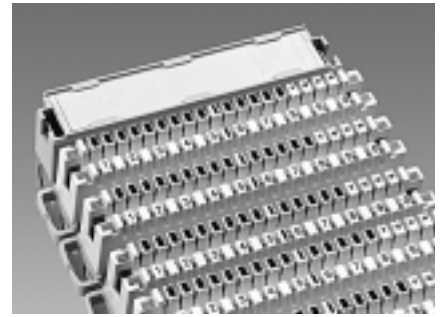
**Disconnection terminal**



Overvoltage magazine



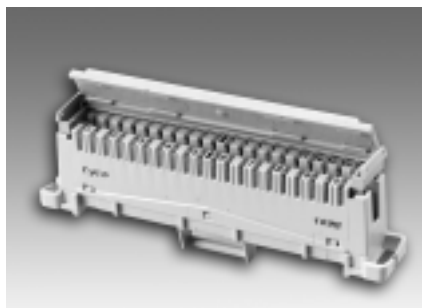
Test cords



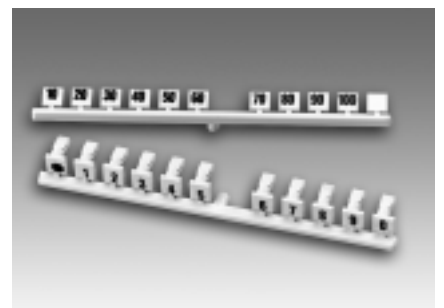
Magazine label holder



Installation tool



Hinged label holder



Numbering set

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