



Contract Electronics Manufacturing

Cable Assemblies and Wiring Harnesses
Electromechanical Assemblies
Box Assembly and Panel Build





ABOUT US

CCS Electronics is a sub-contract manufacturer specialising in the production of cable harnesses, box build and electromechanical assemblies. In addition to our manufacturing expertise, we are able to offer a complete range of services designed to make your business as cost effective and flexible as possible.

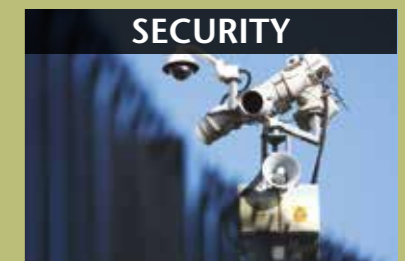
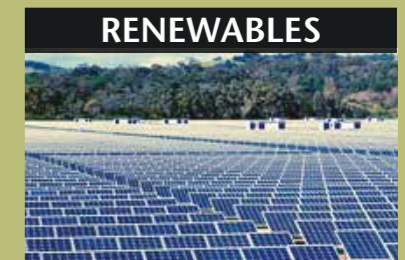
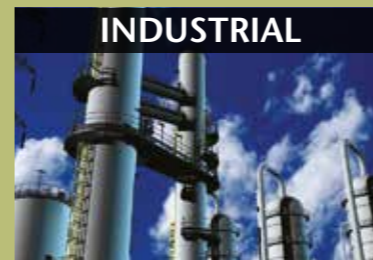
The company was established in 1982 and operates from a 10,000 sq ft. manufacturing facility in Runcorn, Cheshire, UK. CCS Electronics is a member of Alpha 3 Manufacturing Ltd, which also comprises three other electronic manufacturing businesses; CTL Manufacturing, DEM Manufacturing and Tekdata Interconnections Ltd.



OUR KEY MARKETS

CCS Electronics has worked with a large number of customers from a broad scope of industries. During our 30 years, we have developed significant knowledge and understanding of the specific requirements and conformities within wide and varied market sectors including:

- Control Automation
- Electrical
- Gaming
- HVAC
- Lighting
- Machine Tools
- Military
- Refrigeration
- Transportation
- White Goods





CABLE PREPARATION AND ASSEMBLY

Cable Preparation

A complete range of semi and fully automatic cable preparation services are available. We can cut and strip a diverse range of wire and cable including single wires and multi-core cables, plus braided and sleeved variants.

Wire and Cable Termination

From discreet wires to industrial multi-core cables, we can carry out a wide range of solder and crimp termination options, using both standard and bespoke connectors.

High Volume Crimp

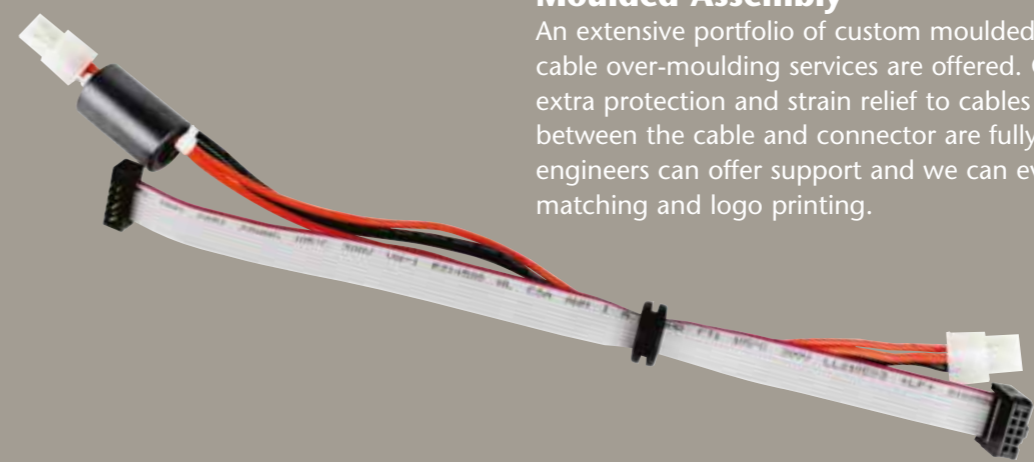
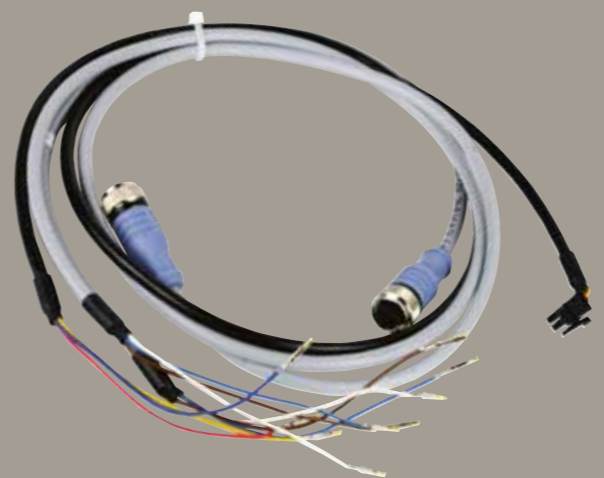
At up to 4000+ terminations per hour, our high volume crimp service provides a superior high volume termination solution.

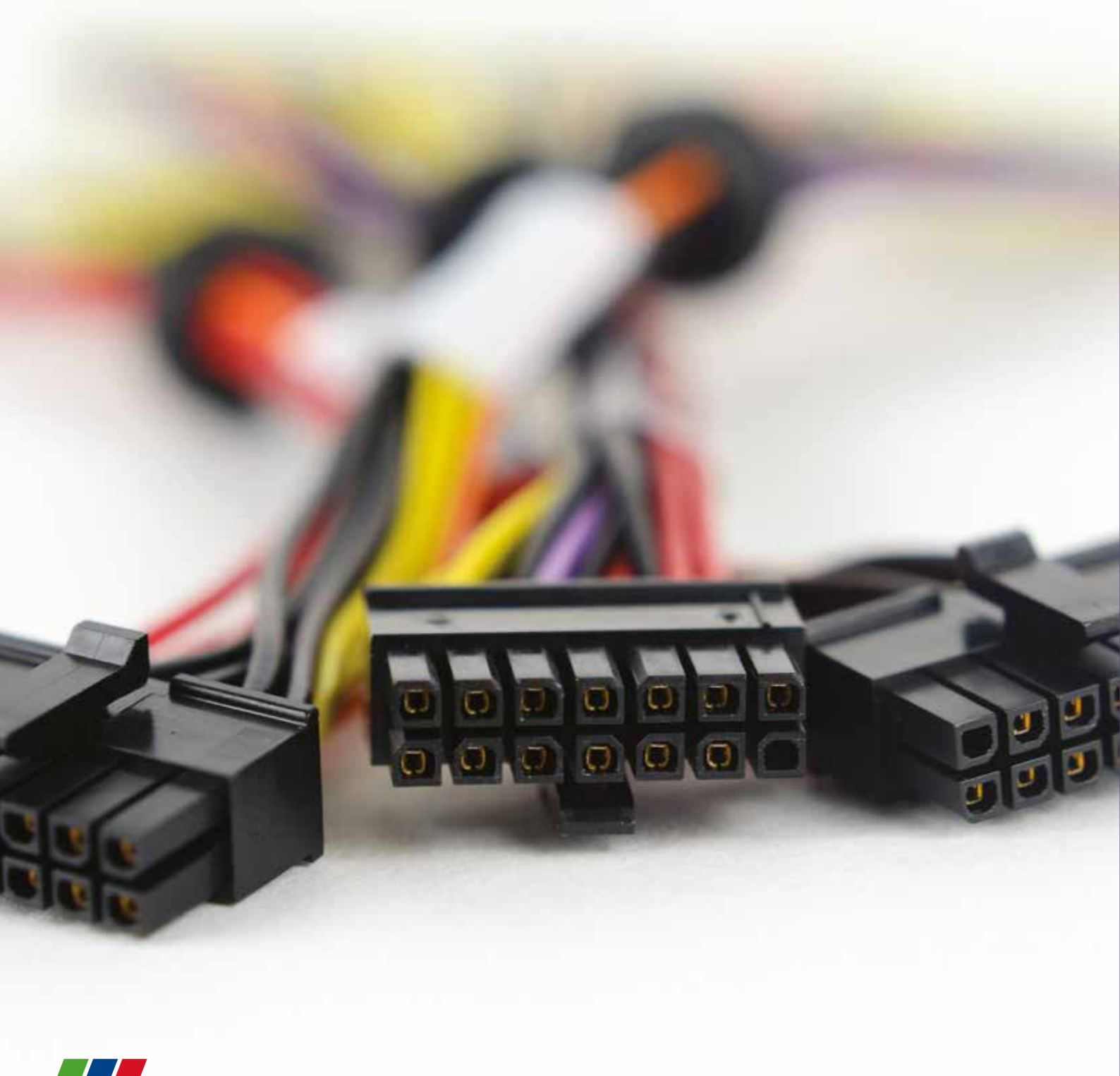
Ribbon Cable Assembly

All flat ribbon cables are built to individual customer specifications to meet exact impedance and routing requirements.

Moulded Assembly

An extensive portfolio of custom moulded interconnect products and cable over-moulding services are offered. Over-moulding provides extra protection and strain relief to cables ensuring that the interface between the cable and connector are fully protected. Our skilled engineers can offer support and we can even provide custom colour matching and logo printing.





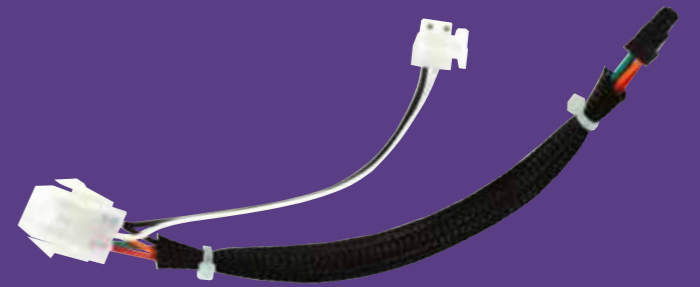
CABLE HARNESSING

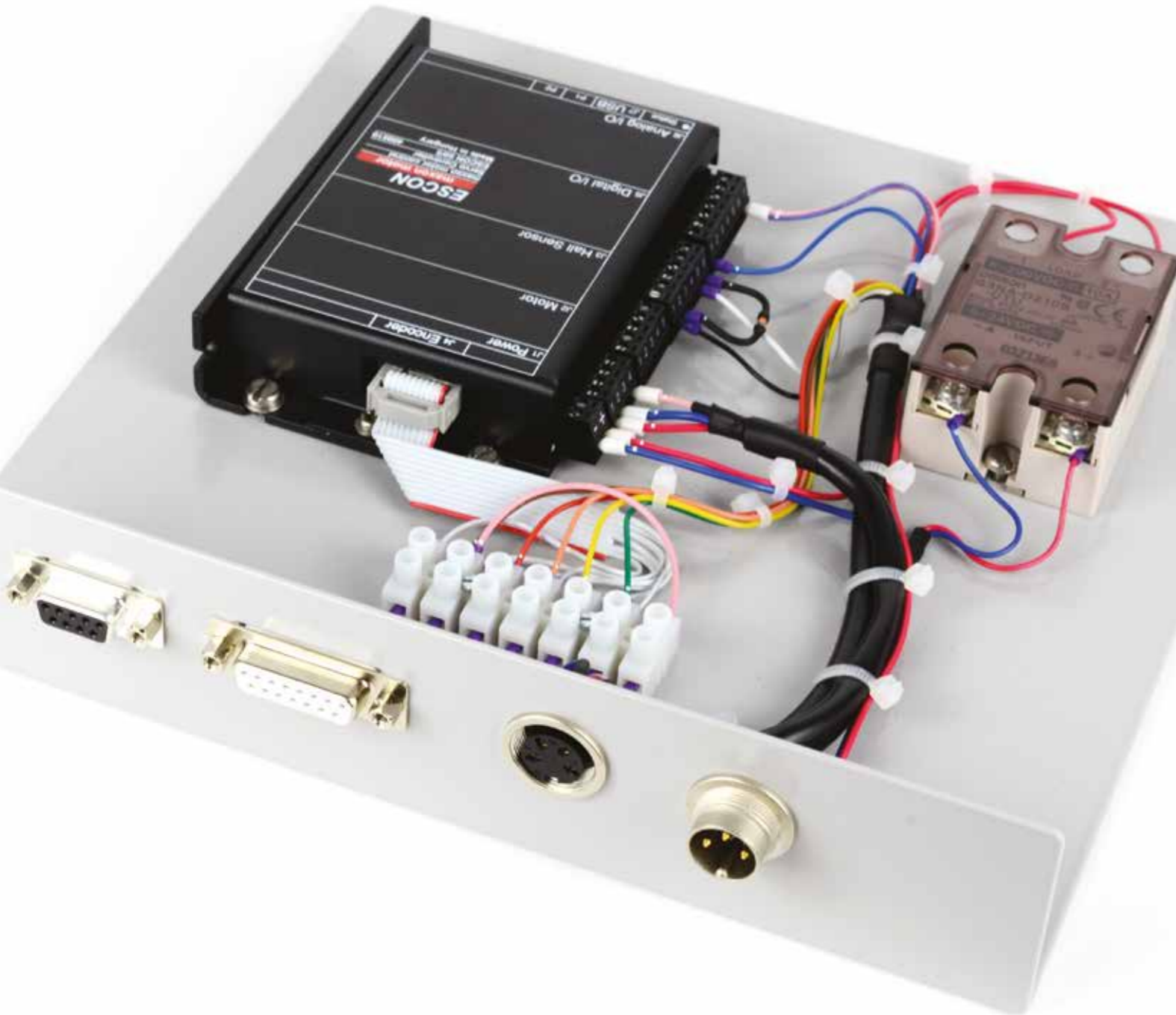
For over 30 years, we have been manufacturing custom wiring harnesses for companies across an array of industries. Our customers drive the types or styles of harness assemblies we supply, hence we have a skill set that covers a vast majority of harnessing platforms.

We take pride in producing high quality wiring harnesses ranging from small gauge wires used in fine electronic applications, to more complex wiring harnesses for industrial applications such as switchgear, instrumentation and machinery.

Our fully and semi-automated tooling caters for the connectors and crimps that are supplied by the major OEM connector manufacturers. In conjunction with the stock profile maintained at CCS Electronics, we are able to offer a highly flexible service and we can readily adapt to meet your low, medium or high volume requirements.

Quality and delivery is supported by our production, technical, estimating and purchasing departments all of whom are driven towards customer satisfaction.





E-MECH AND BOX BUILD ASSEMBLIES

Whether for a small control panel or a more complex system, we can offer a flexible panel and box build service.

We can not only install, but if desired, also source and procure components that are integral to the build, such as switches, connectors, termination, cable markers and more.

For box builds, we can provide, machine and paint the enclosures to your specification by utilising the Alpha 3 Manufacturing group of companies. This allows us to offer a competitive service with support from our specialist engineers, who can assist at all stages of the process, from design to product engineering, production operations, testing and approvals.

In addition, to adapt to your individual product needs, we have a variety of assembly methods we can work to, including bench, line and focused cell assembly.





ADDED SERVICES AND TESTING

Added Services

In addition to our manufacturing expertise, we are able to offer a complete range of services designed to make your business as cost effective and flexible as possible, including:

KANBAN

Replenishment Stocking Services

Customer Stock Management

Consignment Stock

Buffer Stock

Component Sourcing

Internet Stock Management

Testing

CCS Electronics has access to a range of test equipment and therefore is able to offer:

EMC Pre-compliance Testing

Power Quality Testing

Environmental Testing

Tensile Crimp Testing

High Voltage Testing

Earth Bond Testing

Cirris Signature Touch

Quadtech Meridian





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CCS Electronics is a division of Alpha 3 Manufacturing Limited, which also incorporates CTL Manufacturing and Tekdata Interconnections Limited (electromechanical sub-contract manufacturers), DEM Manufacturing (electrical and electronic component manufacturer), Eledis and Dubilier (European component distributors).



Tekdata
interconnections Ltd

