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PRODUCT TIMES

AN UPDATE OF PRODUCTS AND SERVICES FROM AERCO

ISSUE NO. 17

CECC spec connectors in stock now

NOW IN stock is a new range of connectors approved to European Specification CECC75201-002. Manufactured by AB Connectors and derived from Mil-C-38999 series 3 connectors with which they are inter-mateable and inter-mountable, these new connectors feature tough,

corrosion resistant shells made from marine nickel aluminium bronze.

Designed to complement the proven and popular Pattern 608 range for all European navy applications, these CECC75201-002 connectors boast a range of features that make them ideal for use in harsh environments.

Available in high density contact arrangements up to 128 way and 100% scoop proof, they have a triple-start coarse thread coupling with 100% metal to metal bottoming for maximum EMI shielding protection. All connectors in this range provide excellent salt-water corrosion resistance and are self-locking with an anti-vibration coupling nut.

We also provide a total design solution by stocking a wide selection of AB manufactured DEF-STAN approved backshells for termination of heavy duty or shielded cables including versions that allow immersion in water up to a depth of four metres.



High power waterproofs at keen prices

THE CEEP range of high power waterproof connectors has contacts rated at over 100A and provides performance levels similar to Mil.Spec connectors without the price penalty.

RoHS compliant, the CEEP high power series 92 connectors are supplied with crimp contacts and have the versatility of being available as either in-line mating pairs or as fixed and free versions.

These connectors are rated to IP67 and have voltage ratings in excess of 500V. There are very few connectors in the marketplace capable of offering this high power performance in a waterproof shell in such a compact size. Additionally, cable strain relief and sealing can be achieved by a simple twist-on gland and this ease of use makes them ideal for tough working conditions.



The design makes the high power 92 series ideal for use in large generators for boats and ships, amplifiers, mobile TV units, mobile power generators, equipment in the gas and oil industries, overhead power lines in the railroad industry and other applications that require high power in severe environments.

We stock a wide selection of CEEP waterproof connectors at Horsham and all products are available at extremely competitive prices with no minimum order quantities.

Reverse polarity connectors avoid installation errors

WE NOW supply a range of reverse polarity RF coaxial connectors from Telegartner. Reverse polarity is a keying and polarising system that reverses the interface and ensures that a reverse polarity SMA connector does not mate with a standard SMA connector, thus providing a foolproof interconnection system for installers.

The Telegartner RP plugs have a female centre contact while the jack version has a male centre pin. Some inferior products use reverse threads on the mating face to achieve polarity protection rather than changing the contact in the connector.

RP connectors are commonly used in applications such as wireless LANs and antennas where keying is necessary to eliminate mismatching with a standard connector. Various combinations of straight, angle and bulkhead fixings are available and crimp-crimp termination allows for easy and quick assembly. Customised cable assemblies are also available on request.

Telegartner's range of connectors fit a variety of cables and configurations allowing the end user to choose the optimum connector for the application.





Smart relay is powerful alternative to DC relays and fuses

THE NEW 'Smart Power Protection Relay' from E-T-A is a powerful alternative to electromechanical DC relays and fuses providing the functions of a solid state relay and over-current protection for all 12V and 24V supplies.

Designated Type E-1048-81, this new in-line relay requires a control current of less than 10mA and has a load-off current consumption of less than 1mA. This makes it ideal for use in battery-buffered and on-board electrical systems. Indication of line and group status and diagnostic functions are also available

and a version is supplied that provides a 0-5V analogue output proportional to the load current that can be easily incorporated into the power management of the overall system.

A 7-pin in-line version plugs into an E-T-A Type 17-P10-Si EN rail mounting socket and provides switching, protection and monitoring in the one device. This eliminates the number of terminations required that are always a potential source of failure in on-board electrical systems or control cabinets.

60mm AC fan provides cooling in tight situations

NOW AVAILABLE from Aerco is an AC fan built in a 60 x 60 x 30mm frame size. This will be extremely useful for



designers as, until now, the smallest AC fans available have been 80mm square.

The Jamicon KA0630 is ideal for use in enclosures where space is a major design consideration, where it is difficult to provide DC power lines or as a retrofit to provide or increase forced-air cooling.

Nominal operating voltage is 230VAC and the start voltage is 161VAC. Maximum airflow is 4.34 litres/second (9.2CFM), the operating noise level is only 24dBA at the rated speed and the operating temperature range is -10°C to +70°C.

A quality dual ball bearing system provides an operating life expectancy of 50,000 hours and the KA0630 is impedance and thermal protected against locked rotor conditions and is CE marked.

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60 x 60 x 25mm

12 or 24 volt DC, high and ultra high speed
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High reliability two-ball bearing
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