



Rugged & rail approved

Specialist technical support on 'Made for Rail' electronics

With decades of experience in distributing rugged electronic components for harsh applications, Charcroft's product specialists provide through-life support for new designs and Maintenance Refurbishment or Overhaul (MRO) projects.

150W DC-DC converters with IP65

- Fully compliant with EN50155 & EN50121
- Wide input voltages: 24 to 110V DC
- Galvanically-isolated output
- Built-in protection features and IP65 seal
- Maintenance-free modules for Class II protection



High-voltage aluminium electrolytic capacitors

- Rated for operation over 8000h/105°C
- Screw-terminals withstand high shock & vibration
- Temperature range: -55°C to +125°C
- Voltage range: 150 to 450V
- Capacitance range: 1500 to 47000µF



Hydraulic magnetic circuit breakers

- Flexible configuration options include: Handles, terminations, auxiliary contacts
- Wide choice of current ratings for AC and DC voltages
- Rail approvals include: BS6853 (UK), NF F 16-101 (France), DD CEN/TS 45545-2 (Europe)
- Standard approvals: UL, CSA, VDE, CE, UL489/A, UL 1500, CCC



High-power & custom magnetics

- Transformers, chokes, inductors, sensors and electro-magnetics
- Power from 0 to 4000kVA, 16Hz to 1MHz
- Standalone or PCB mounted
- Isolating voltage up to 80Kv
- Custom cabinets, traction power, unregulated power supplies, charging systems



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Passives, power, interconnect, emech and more

Knowledge of yesterday ■ Looking after today ■ Supporting tomorrow.



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