Rugged components withstand heat, shock & vibration

The combination of high ratings for heat, shock and vibration, with ruggedised performance ensures long life and high reliability in down-hole and rail applications.

Wet tantalum capacitors

- Shock up to 100g, vibration up to 50g
- Up to x6 energy density of CLR81 (MIL-C-39006/25)
- Standard C and D case sizes
- Temperature range of -55 to +125°C
- Reduces the size and weight of end-product

EXXELIA GROUP

Power supplies

- EN50155-qualified DC/DC converters: 14 to 2000W
- Encapsulated DC-DC converters to IP65/67
- RIA12 Front-end modules
- High DC-input converters: 450 to 1100VDC

MTM POWER

Aluminium electrolytic capacitors

- Capacitance to 6,300µF
- Up to 28A ripple, RMS, continuous load
- Up to 160,000 hours lifetime at 80°C
- Up to 2000 hours lifetime at 150°C
- Minimal heat generation
- Low ESR electrolyte/paper system
- Voltage range: 25 to 63VDC
- Polarised all-welded design

Electronic Components KEMET CHARGED

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

AIRPAX

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www.charcroft.com/HeatShockVibration

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