

Terminal blocks

Electrical integrity in harsh environments

Features

- Choice of six colours for ease of identification
- Stud type
- Screw type
- Fuse type
- Taper Pin Type
- Customer specific options
- All mating parts supplied from a single source
- Designed and approved for use in harsh environments
- Extensive operating

Ultra Electronics, PALS range of termination blocks is specifically designed and approved for use in harsh environments where product integrity is critical.

Their application in Aerospace, Armoured Vehicle, Naval, Rail and Underground Systems demonstrates the proven confidence and quality inherent in the entire product range.

Each termination block is manufactured to internationally recognized standards and tested for both electrical and mechanical compliance; this computerized testing ensures that every unit is fully compliant to specification.

Benefits

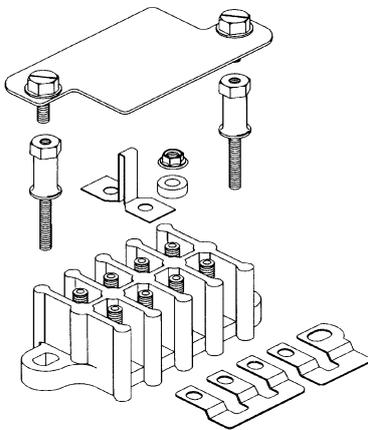
- Proven in operation
- Operating temperature -65°C to + 250°C
- Exceptional resistance to fuels, fluids, lubricants and general contaminants
- Non- flammable with low smoke and toxic fume emission
- Inter terminal barriers for electrical isolation
- Extensive operational voltage range



Terminal blocks

Integrating quality

The Ultra design is widely used in avionic and similar high specification applications where exceptional temperature stability and environmental inertness are at a premium. The range offers single and multiple row styles with matching covers and common accessories to suit.



Materials and finishes

All termination blocks are manufactured from high grade temperature resistant materials and are non-flammable. The blocks are typically manufactured from glass filled Polyethersulphone (PES) or polyetheretherketone (PEEK) and fitted with stainless steel and alloy fixings. Locking nuts or standard nuts, with shakeproof washers, provide a secure connection.

Pre-set torque spanners are available, for all



sizes and types of fixings, and ensure that all connections are optimized for durability and performance. Standard shaft and short shaft variants can be supplied for areas with restricted or confined access.

Product overview

There are numerous styles of termination block solutions, stud, screw clamp, taper pin and fuse link.

Options

■ Stud type

Designed for either panel or surface mounting with both single sided or double ended studs

■ Taper Pin

Connections are made via a gold plated taper socket which has a quick connect/disconnect design.

■ Screw Clamp

The design can be surface panel mounted or through panel soldered. Available from 4 to 20 ways, in pairs, with bussing links if required.

■ Fuse Link

Panel mounted fuse systems are available in configurations up to 30 ways and are intended for use with type O or AST fuses.

■ Customer Specific

Terminal blocks can be tailored to customer specific requirements. Current materials include Nylon, Polyethersulphone, Polyetheretherketone and high temperature ceramics.



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