



Connect Direct With Phase 3.

**For the first time, you can now source your
Network Connection Devices direct from manufacture.**

For many years, electrical utility companies in the UK and further afield, have used this range of Network Connection Devices. Our range of clamps and connectors are specifically designed to allow hook-up of mobile generators direct to various equipments within the electricity network. The most typical application is where a temporary generator is synchronized with and switched into the live network, during fault rectification or maintenance works.

CUT OUT THE MIDDLE MAN.

We do not employ third parties, component distributors or agents and therefore we are able to offer these high quality, safety critical devices at extremely competitive prices.

Our extensive stock holding and fast-turn manufacturing service, reduces your lead time to days instead of months. In-house manufacturing and tight quality controls ensure that all of our devices are manufactured to the highest standards. As these devices are used for connection under live conditions, the test criteria, especially with regards to the insulation performance is critical.

All of our live line devices are high voltage tested at 10,000 Volts, to meet the requirements of IEC60900:2004 "Live Line Working, hand tools for use up to 1000Vac and 1500Vdc". Further tests including, impact testing, adhesion of insulation, flame retardancy and current carrying capacity, have ensured the safety and performance of the products.

We are so confident in the performance of our devices that they are sold with the **PHASE 3 LIFE TIME GUARANTEE**. In the event of a mechanical or electrical failure through normal wear and tear, we will either replace or refurbish the unit completely **FREE OF CHARGE**.

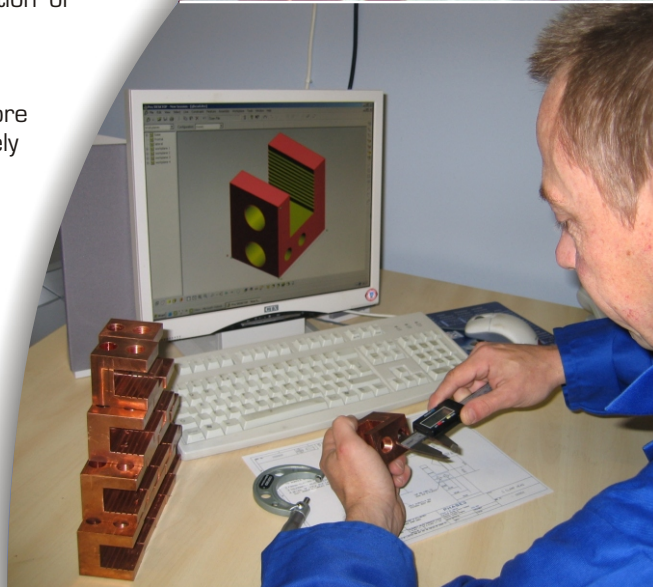
Want your company name or other details printed on your device? Let us know what you require.

You can even **HIRE** sets of devices direct from us. If you have an unexpected urgent contract or emergency job and you need additional sets of clamps on a short or long term basis, we can get the right tools to you on time.

Our hire sets are supplied in quality impact resistance heavy duty protective cases, and available in various configurations.

Our in-house design and manufacturing capabilities, coupled with over 25 years experience in this field, allow us to generate new designs and products to meet any special application or customer requirement.

We understand that new product development is key to growth and the concepts for these products are normally generated from customer and user requests. We will not turn away any request for modified or new product, even if the quantity is only a single unit.



For further info about our products or to discuss your specific requirements, please contact:

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Our standard range of products also include:



G Clamps

Insulated clamp for connection of generator cable to a live low voltage busbar. The clamp is fixed to the busbar by means of an insulated tightening tool. The clamp incorporates a keyed connector to distinguish between phases, which accepts the incoming generator cable connector. Available in short, long and right angled arm versions.



Dual G Clamps

A higher amperage, dual connector version is also available to accept two incoming cables.



Horizontal Clamps

Insulated clamp for connection of generator cable to a live low voltage busbar. The clamp is fixed to the busbar by means of an insulated tightening tool. The clamp incorporates a keyed connector to distinguish between phases, which accepts the incoming generator cable connector. Available in short arm, long arm and right angled arm versions.



Rotary "Fred" Clamps

Designed to allow connection to slotted busbars, typically found in LV feeders, cabinets and pole mounted fuse equipment. Insulated clamp for connection of generator cable to a live low voltage busbar. The clamp is fixed to the busbar by means of an insulated tightening tool. The clamp incorporates a keyed connector to distinguish between phases, which accepts the incoming generator cable connector.



Fuse Blade Clamps

Sometimes used as an alternative to the Rotary clamp, where space is limited, or full insulation is not required. This device is un-insulated and consists of a cable lug fitted with a rotary clamp tightening wheel. These can be supplied in various crimp terminations to suit any cable size. The tightening wheels are of a hardened steel construction to prevent hole elongation problems.



Overhead Line Clamps

Allows direct connection to overhead line systems. The unit consists of 3 meters of 50mm² flexible, dual insulated cable, with a power connector one end and an insulated line clamp of the other. These clamps can also be supplied with other cable sections and cable lengths as required by the application. The cable can be printed with customer details.



T pieces and Splitter boxes

The insulated T piece allows the splitting of one phase into two or combine two phase into one. The T piece is supplied with keyed power connectors to distinguish between phases, and prevent connection errors. Insulated splitter and distribution boxes are also available in any combination and number of inlets / outlets.



Underground Cable Connectors

The compact unit incorporates a power connector input connection point, with a rear termination area to accept solid alloy cable cores. This enables a temporary generator to be connected to an underground cable when repair work is undertaken.



Fuse Holders

Available in 92mm and 82mm pitches (3 5/8" and 3 1/4"). These units were developed to allow a safe means of connecting a generator supply cable to fully shrouded or non shrouded LV feeders and cabinets. The unit complies with the requirements of EAT37-2. The unit consists of a fuse carrier and shroud with integral generator power connector point. The units are keyed and coded to prevent connection errors. The unit accepts standard BS88-5 fuses. Dummy fuses to isolate the incoming and out going circuits can be supplied. A further version with modified shroud for use in pole mounted equipment is also available.

Converters

Converters are available which allows a user to quickly and easily convert a lugged cable to a power connector end. After use the converter can be removed and the lugged cable remains intact. There is no need to cut the cable and permanently fit the power connector. Units for straight connection of lug to lug are also available.



Other components and equipments we produce and supply include Power Connectors, Cables, Cable Supports, Cable protection ramps, Sequential Mating Units and Substation and Switch-Gear Connection Cabinets.

For further information regarding our product range, or to discuss your specific requirement, please contact **Phase 3 UK Limited**:

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