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Press Release

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Locking onto efficiencies - AMPCO Gen 2 plastic switched interlocked socket range from Powermite

Powermite recently expanded its renowned AMPCO product portfolio with the introduction of a range of plastic switched interlocked sockets which form part of a new series of cutting-edge Gen 2 plastic industrial plugs and connectors which are poised to raise the efficiency, versatility and reliability bar.

The Gen 2 plastic range is forged from Polyamide 6 and PC/ABS. The utilisation of these virgin grade plastic materials presents the range with several important advantages such as impact resistance combined with high robustness; high thermal stability (self-extinguishing); great insulating qualities; high disruptive strength; UV resistance according to ISO 4892-2 as well as high abrasion and weather resistance. Furthermore, the material delivers exceptional resistance to a variety of chemicals and is free from cadmium and halogens.

Taking a zero-compromise approach to quality, the complete Gen 2 plastic range is internationally standardised by the International Electrotechnical Commission, the world organisation for international standardisation of electrical equipment: IEC 60309-1 and IEC 60309-2 equivalent to the European Norms EN 60309 part 1 and EN 60309 part 2 in even the most arduous applications.

“Our new robust switched interlocked sockets are at home on virtually any plant or site where portable electrical equipment is used such as electric motor driven and heating machinery, welding, emergency generator supplies, IT installations, quarrying, mining, water purification as well as portable site and stage lighting,” confirms Donovan Marks, Director at Powermite.

The Gen 2 switched interlocked socket series, available from 16A to 125A, in 3 to 5 poles, comprises thirteen compact plastic models: Switched interlocked sockets for panel and wall mounting, for wall mounting with knock-out and wall mounting with DIN Deutsche Industrie Norm (German Industrial Standard) Rail and DIN Rail Power Twist. The Power Twist contact frame enables perfect clamping and the protection of cables. Electric, mechanical and electric-mechanical interlocks lockable by a padlock, complete the socket range. The mechanical interlock ensures that after plugging and switching-on, the plug is locked and after switching off and unplugging, the switch is locked.

The range is available in IP44 splashproof and IP67 watertight rated versions as well as in nickel plated or brass with lam band contacts. In addition, the flanged version is ideally suited to distribution boxes and boards indoor and outdoor installation.

The compact and stable design of these switched interlocked sockets facilitates fitment even in confined spaces. Marks explains that with all components mounted on the top or on the bottom, combined with a large connecting area and an enclosure built with shock-resistant thermoplastic material, these plug-and-play sockets are ready for wire connection.

“In our endeavour to continue bringing innovative solutions to customers’ doorsteps, we are confident that these new advanced plastic products specifically designed and developed to deliver optimal performance to customers across Southern Africa, assisting them in achieving greater levels of productivity and profitability,” expresses Marks. Wrapping up, Marks says that Powermite is extremely excited to receive feedback from valued customers on these game-changing Gen 2 plastic switched interlocked sockets. /Ends

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