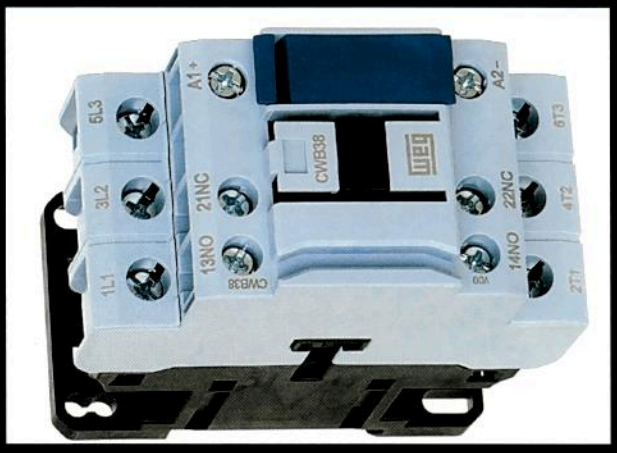
NEW GENERATION CONTACTORS SAVE ENERGY AND SPACE

The new generation of WEG contactors has been engineered to facilitate energy savings as well as the optimisation of space within electric panels. These environmentally friendly devices use only non-toxic and eco-friendly materials.



Designed using WEG technology and in-house software modelling programmes, the WEG CWB range of contactors has been engineered to accommodate surge suppressors directly in the device. This is not only a space saving feature, but also allows easy access for maintenance or replacement. Another important feature is that coil replacement can be accomplished without the need for any tools making this a simple and time saving task.

Energy savings are achieved through the low consumption of the coils used in the WEG CWB contactors and these also allow direct switching from PLCs without the need for interface relays. This facilitates both space and cost savings for the end-user.

Developed by WEG's R&D department in Brazil, all devices in the WEG CWB contactor range meet the IEC 60947 and UL 508 international specifications. The range has been specifically designed to accommodation electric motors up to 18.5 kW at 380/415 V (AC-3).

These contactors are ideal for applications where the majority of the motor starters in an electrical panel are direct online, forward reverse or star delta. The seamless integration between the WEG CWB range of contactors, overload relays and motor protection circuit breakers allows fast and easy assembly of compact starters and protection sets for low voltage motors. These modular devices offer a wide variety of combinations allowing greater flexibility.

Available at competitive pricing from Zest WEG Group, the WEG CWB range of contactors affords customer a high level of flexibility owing to the modular design which will also reduce manufacturing time. It is complemented by a full range of accessories including auxiliary contacts, spare coils and wiring kits.

RANGE OF ELECTROMAGNETIC DRIVES

In addition to importing a range of electromagnetic drives exclusively from Aviteq of Germany, specialist vibrating equipment supplier Joest Kwatani also supports its range of locally, in-house manufactured SFH electromagnetic super feeder drives.

Kim Schoepflin, managing director, Joest Kwatani, says that the company has built its reputation on developing an in-depth understanding of its customers' specific application needs, and this has ensured that customised solutions which reduce downtime are provided.

The SFH range of electromagnetic vibrating drives is designed for feeding bulk materials at a controlled rate from stockpiles and hoppers to bulk materials handling equipment such as belt conveyors, crushers and screens. Joest Kwatani attained this product range through its acquisition of Lockers Engineers over two years ago.

"These are designed for use in medium to heavy applications such as quarries, coal plants, steel works and the chemical and food and beverage industries, as well as food-processing plants," Theresa Walton, General Manager: Service, Joest Kwatani, says.

"The Aviteq range of electromagnetic drives is particularly suited to standard volumes where a high dosing accuracy is required," Walton adds. Joest Kwatani has been appointed the exclusive distributor for Aviteq, formerly AEG, products in Africa, including electromagnetic drives and controllers.

The Aviteq drives are especially useful for smoother stop-start operations, as opposed to using exciter gearboxes and unbalanced motors, which have a more immediate stop action. "This is extremely useful in the example of a food processing company, where precisely measured ingredients are required for each batch. The Aviteq drives can control these ingredients down to the kilogram," Walton explains.

Joest Kwatani is a locally owned OEM that designs and fabricates vibrating screens and feeders in-house. It has a 39-year track record of developing and supplying products for the African mining bulk materials handling market.