

Motor Controls

Entrelec MTE is a leading supplier of motor control and protection products for a wide range of industrial applications. Products include innovative electronic equipment including soft-starters, DC injection brakes, and advanced motor protection and monitoring modules. All products are manufactured to ISO 9001 standards.



Electronic Soft Starters: DuoSoft and PowerSoft



DuoSoft

DuoSoft and PowerSoft electronic soft starters provide smooth acceleration and deceleration of three phase motors, reducing mechanical and electrical stress which shorten a motor's life. DuoSoft starters are suitable for motors up to 15 kW.

PowerSoft starters come in two versions, a chassis model to incorporate into a separate enclosure and a complete ready-to-go starter suitable for wall mounting.

DuoSoft

- Suitable for motors up to 15 kW
- Ideal alternative to Star Delta starters
- Integral bypass relay
- Compact size
- Two or three wire control
- LED status indication

PowerSoft - chassis model

- The system integrator's choice
- Installs into a separate enclosure
- Compact IP20 construction
- Adaptable for a wide range of applications

PowerSoft - complete starter

- The installers' choice
- For wall mounting
- Self-contained IP55 unit (IP42 above 40 kW)
- Easy to install
- Incorporates isolator, line contactor, start stop buttons, and motor overload protection



PowerSoft - chassis model

Contact Entrelec for details.

Fuse Disconnect Switches



ZNTF

Fuse Switches

ZNTF

- Up to 100A rating.
- Door interlocked handle standard
- Two auxiliary contacts can be mounted
- Auxiliaries feature early break/late make



ZTF

ZTF

- Larger fuse switch to 800A rating
- Includes door interlocked handle and fuse barriers
- Four auxiliary contacts can be mounted
- Fourth pole not fused
- Auxiliaries feature early break/late make

Contact Entrelec for details.

Motor Protection: Maxim

Products for protecting, monitoring, and controlling motors.

50% of motor failures are triggered by overheating due to overload, phase failure, or insulation breakdown. A 10% temperature rise reduces your motor's life by 50%. The Maxim range of products protect your motor against the cause of temperature rise. Devices within the range also provide protection against other causes of motor and equipment damage, including:

- Dry pump
- Belt break on conveyor or fan
- Mixer jamming
- Excess conveyor loading

Contact Entrelec for details.



Monitors 6 functions



Monitors 16 functions with bus communication

DC Injection Brakes



Meets the guidelines of PUWER 98, developed in the United Kingdom.

Our DC Injection brakes reduce the time for a machine to come to rest resulting in an increased production output and increased safety in hazardous machines.

Available in three formats with DOL starter, with Star Delta starter, and without starter (for use with existing DOL or Star Delta starter).

- Reduced stopping time
- Increased production cycle
- Smooth controlled stopping
- Adjustable braking torque and stop time
- Easy installation
- Maintenance free

Contact Entrelec for details.

Power Manager



Power Manager provides comprehensive electrical network information that economically replaces ammeters, voltmeters, meter switches, kWh meters, power factor meters, kW meters, and more. Compact and easy to use, Power Manager provides accurate measurement to the 20th Harmonic on each cycle.

The combination of performance, simplicity, and size ensures that Power Manager is the ideal solution for switchboard and control panel manufacturers.

- Simple to install
Quick fit clamps for panel mounting and large cable terminals
- Easy to use
Four menu buttons allow information to be accessed easily and quickly
- Accurate and comprehensive parameter measurement
- Easy to read
Large clear backlit LCD display
- Compact size

Contact Entrelec for details.