

TeSys Model U is a massive leap forward in Motor Control, combining the proven benefits of a robust electro-mechanical device with the flexibility and functionality of electronic technology...

The Ultimate Motor-Starter Control

Available from AJ Hurst, TeSys Model U is a state of the art motor starter-controller combining disconnection/isolation, short circuit protection, power switching (contactor) and motor protection in a single assembly which enables cost saving right from the word go:

Many systems are designed using 2 component solutions comprising a motor circuit breaker and contactor. Now TeSys Model U, fitted with the standard protection module, offers at a similar price, all the benefits of a 2 component solution, and much more:

- Faster design-one integrated device in circuit/layout drawings
- Installed cost saving-massive reduction in build/wiring time
- Space saving-up to 32A only 45mm wide including reverse giving up to 60% reduction in panel size
- Simple selection with fewer references - only 2 base units up to 32A and electronic broad band motor protection
- Environment friendly-low coil consumption and recyclable packaging
- More savings for DC operation - same price/same size as AC version
- Easy control unit change-plug-in protection module
- Helps with cash flow-select overload relay after build complete
- Easier maintenance-differentiates between overload and short circuit trip
- Reduced downtime-independently certified total coordination as standard

Advanced

TeSys Model U with Advanced or Multifunction control units offer all the above, and even more benefits.



- Future proofed and upgradeable - its capability grows with your process-plug and play function modules, for motor load monitoring, pre-alarm, fault signalling/differentiation etc, may be added at any time.
- Large bandwidth electronic motor protection - provides improved motor protection with greater accuracy
- Maximises process uptime - Unique, independently certified Total Co-ordination guarantees fast return to service after a downstream short circuit fault.
- Traceability - data matrix code incorporated in both complete product and sub assemblies.
- Build a true intelligent motor starter-plug-in communication modules, enable control from a programmable logic controller, and feedback of status information
- Preventive maintenance simplified-the TeSys Model U Multifunction control unit stores

- data which can be simply downloaded at any time, such as number of hours run, number of starts, last 5 trips and reason for trip etc.
- Programmable flexibility-the multifunction control unit has a 3 line LCD screen and may be easily programmed using the buttons on the face of the device or by using simple Powersuite PC software on your laptop. The device may be programmed for single or 3 phase, and class 5 to class 30 overload protection.

TeSys Model U is easy to select:

First choose a Power Base-12A or 32A, direct on line or reversing. The power base includes 2 auxiliary contacts (1 Normally Open + 1 Normally Closed) as standard. Then select either the standard, advanced or multifunction plug-in control unit by choosing motor full load current, protection type (1 phase or 3 phase class 10 or class 20), and control voltage required.



UNIT 2 - DUNCRUE CRESCENT - BELFAST - BT3 9BW
 TEL: (028) 9077 0037 - FAX: (028) 9077 9749
 EMAIL: sales@ajhurst.com - WEBSITE: www.ajhurst.com

