

Enhanced control for efficient switching

Electronic Control Module
for TeSys F contactors 115 to 1250 A



The key to more flexible and reliable switching

The need for wider coil voltage ratings

The contactors you use for power and motor switching need to operate reliably, within their rated input voltages. But increasingly around the globe, there are applications with greater voltage fluctuations that require wider ratings for contactor coils:

- Wind, solar, and other new energy sources
- Power supplied at remote locations, and other applications with fluctuating power supply input conditions

Meeting the demands of these situations has typically meant higher costs. To handle the greater inrush currents, additional power supply systems with control power transformers have been required.

For OEM and panel builders serving many different global regions, adapting to different network voltages has meant stocking many coils of different ratings.



A simpler, more reliable solution

The new, optional Electronic Control Module enables wider coil operating voltage for the TeSys F range of contactors. This flexibility makes it easy to:

- Improve contactor reliability, ensuring reduced downtime and production losses
- Simplify the number of control coil references you require for your applications and, in turn, reduce the cost of inventory
- Avoid the need to invest in additional external power supply units for your contactors
- Do all of this with the same contactor foot print, saving panel space and installation time

The Electronic Control module also allows for easy assembly and pre-configured wiring to save installation time and cost. And PLC control capability is included as a standard feature, with the flexibility to switch the contactor on or off directly or from a PLC.



Enjoy wider operating voltages for control coils

- The Electronic Control Module enables a wider range of operating voltage, 50-100% of coil rating
- Supports both AC and DC control, increasing flexibility and ease of implementation
- Option is compatible with all TeSys F range contactors from 115 to 1250 A*
- Existing contactors can be upgraded with the Electronic Module**

* Please contact your nearest Schneider Electric sales office for details on available ratings in your region.

** Please contact Schneider Electric service teams for support.

Enhance reliability for power and motor switching

- Enables contactors to work reliably with large input voltage fluctuations
- Limits in-rush current and reduces the coil opening time considerably
- You have the flexibility to replace the coil or the Electronic Control Module on the contactor

Reduce costs of inventory and power supplies

- The Electronic Control Module enables only four coil ranges to cover 24 to 500 V AC/DC, significantly reducing your inventory
- No longer any need for additional external power supply units

Simplify control coil ranges and reduce inventory

TeSys F: the perfect fit

TeSys F contactors meet all AC1 and AC3 switching needs, combining world-class quality and performance with easy installation, maintenance, and upgrading.

- Optimized size
- Multi standard offer
- Wide range of shared accessories
- Drawer-mounted coils
- Type 1 & 2 coordination with TeSys GV7 motor circuit breakers, or Compact™ and Masterpact™ circuit breakers
- Long electrical life

Schneider Electric

Head Office
35 rue Joseph Monier
92500 Rueil Malmaison Cedex – France
Tel.: +33 (0)1 41 29 70 00

www.schneider-electric.com

October 2017

©2017 Schneider Electric. All Rights Reserved.
Schneider Electric, and TeSys are trademarks owned by Schneider Electric Industries SAS
or its affiliated companies. All other trademarks are property of their respective owners
998-20110517_GMA-US