

# TeSys F Contactors and LR9F Overload Relays

Available up to 1000A for AC3 and 2600A for AC1 applications

TeSys F offers high reliability with a long mechanical and electrical life and the most complete line of accessories in the industry.

TeSys F contactors are available for inductive motor applications from 115 up to 1000 full-load amps and resistive loads up to 2600 amps. They offer motor control for applications rated up to 900 HP at 480 Vac and 600 Vac.



## Features

### 2, 3 and 4 pole contactors

- Latching contactor option available

### Flexible control options

- 50 or 60Hz AC coils (from 115-225A)
- 40-400Hz AC coils for standard duty applications
- 40-400Hz AC coils for heavy duty applications
- DC coils

### Designed with serviceability in mind

- Contact kits
- Arc chambers
- Operating coils

### Easily installed accessories

- Auxiliary contact blocks with serrated wiping action
- Front mount dust tight auxiliary contact blocks
- Pneumatic time delay blocks

### Wide range of accessories

- Lugs
- Mechanical interlocks
- Auxiliary contacts (common with TeSys D offer)
- Power connections

### Additional ratings

- Short circuit current ratings up to 100kA with fuses and circuit breakers
- Lighting
- Elevator duty
- Definite purpose hermetic refrigeration compressor (UL 1995)

### Global Approvals

- UL Listed
- CSA Certified
- CE marked

## TeSys LR9F Solid State Overload Relays

Class 10, Class 20 and Class 10/20 selectable overload relays are available in 8 current ranges from 30 to 630 amperes. They are ambient compensated and offer flexible installation.

### Class 10/20 Selectable Features

- Direct mounting to TeSys F contactors
- Panel mountable
- Selector switch for trip class selection
- Selector switch for load type
  - 3-phase balanced loads
  - 1-phase and 3-phase unbalanced loads
- Alarm signaling contact
- Trip indicator
- Manual reset button
- Tamper resistant window protects FLA setting
- Test trip button



### Applications

- Industry, infrastructure, building, renewable energies, etc.
- Control of all types of motors in normal or severe service conditions.
- Control of resistive, inductive and capacitive circuits

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