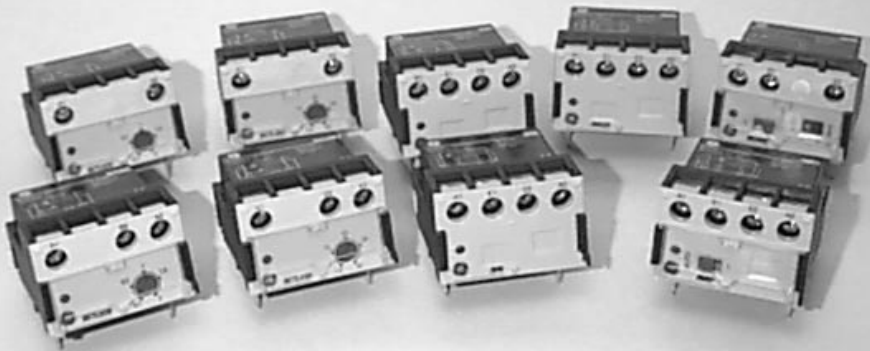




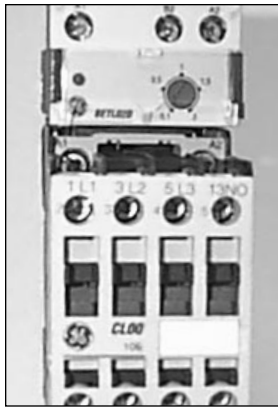
C-2000™ Contactors & Starters

Electronic Timer and Interface Modules



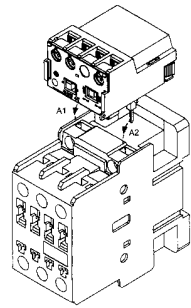
Greater application flexibility

Timers, interface modules, auto-manual-stop modules
plus voltage surge suppressors



A new family of coil modules makes C-2000™ Contactors more useful than ever.

Designed for CL00-CL10 contactors, these timers, interface modules and auto-manual-stop



modules greatly enhance application flexibility. Installation couldn't be easier, because they plug right into the coil terminals, and they add only 1 1/2" to the height of the contactor. A voltage surge suppressor can be added to any unit by simply sliding it into the module.



Timers
BETL*

Timers are available in both on delay and off delay and in two different timing ranges:

- 0.1-2 seconds
- 1.5-45 seconds

Features:

- LED indication during delay period
- High electrical endurance of 15 million electrical operations
- High repeatability ±3% over normal ambient temperatures
- Broad application — suitable for CL contactors with either AC or DC coils from 24V-250V
- Accepts surge suppressor



Interface Modules
IMR*, IMRF*, IMSSD

Interface modules, which allow contactor operation from 24V or 48V sources (such as PLC output), are available in three different forms:

- Relay - IMRD, IMRG
- Relay with override switch - IMRFD, IMRFG
- Solid state (24 volt only) - IMSSD

Features:

- LED indication when input signal is present
- Excellent electrical endurance — 3 million operations for relay forms and 15 million for the solid state version
- Broad applicability — suitable for CL contactors with either AC or DC coils from 24-250 volts
- Accepts surge suppressor



Auto-Stop-Manual Module
IMAMS

Auto-stop-manual modules, which permit contactor operation locally or by remote control without enclosure modifications, feature:

- LED indication when coil is energized

- 10,000 operations of manual switches
- Broad applicability — suitable for CL00-CL10 contactors with 100V-250V AC coils and for CL00-CL45 contactors with 24V-100V DC coils
- Accepts surge suppressor



Surge Suppressors
IMRC*, IMD*, IMV*

Surge suppressors protect control circuits from voltage spikes and are available in three forms:

- Resistive-capacitive circuit (RC) version for 24V-250V AC coils - IMR
- Diode version for 12V-250V DC coils - IMD
- Varistor version for 24V-240C AC or DC coils - IMV

Features:

- Fast installation — no tools required
- Takes up no additional space; simply slides into chamber in rear of modules

