

# IEC Power Devices

## IEC Contactors Accessories

### C-2000

## Section 5

### Front-Mount Auxiliary Contact Blocks

Front-mount auxiliary contact blocks clip onto front face of contactor.  
Contact Rating: A600, Q600.

For Use With	Terminal Type	Contact Configuration	Product Number	List Price GO-10C2
CL Contactors	Standard	1NO	BCLF10	\$11.00
CL Contactors	Standard	1NC	BCLF01	\$11.00
CL Contactors	Standard	1NO	BCLF10G <sup>1</sup>	\$15.00
CL Contactors	Standard	1NC	BCLF01G <sup>1</sup>	\$15.00
CL Contactors	Ring	1NO	BCRF10	\$13.00
CL Contactors	Ring	1NC	BCRF01	\$13.00

<sup>1</sup>Overlapping contacts.

### Side-Mount Auxiliary Contact Blocks

Side-mount auxiliary contact blocks can be mounted on either left or right sides of contactor. Positive displacement contacts are designed to prevent simultaneous closing of NO and NC contacts to avoid overlapping between opposing functions. Contact Rating: A600, Q600.

For Use With	Terminal Type	Type	Contact Configuration	Product Number	List Price GO-10C2
CL/CK Contactors	Standard	Base Block	1NO-1NC	BCLL11	\$19.00
CL/CK Contactors	Standard	Base Block	1NO-1NC	BCLL11-K <sup>2</sup>	\$19.00
CL/CK Contactors	Standard	Base Block	2NO	BCLL20	\$19.00
CL/CK Contactors	Standard	Adder Block	1NO-1NC	BRLL11	\$19.00
CL/CK Contactors	Standard	Adder Block	2NO	BRLL20	\$19.00
CL/CK Contactors	Standard	Adder Block	2NC	BRLL02	\$19.00

<sup>2</sup>For high shock/vibration environments.

### Mechanical Interlock

Mechanical interlocks, used for horizontal interlocking of two contactors mounted side-by-side, prevent the closing of one contactor (as long as the other remains closed). BEL02 includes two built-in NC contacts. Contact Rating: A600, Q600.

For Use With	Product Number	List Price GO-10C2
5-75 Hp contactors (All CL Contactors)	BELA02	\$35.00
100-500 Hp contactors (All CK Contactors)	BEKH	\$65.00

### Pneumatic Timer

Pneumatic timers are adjustable time-delayed auxiliary contacts. They come equipped with two time-delayed contacts: 1NO and 1NC, electrically separated. Setting is scaled over a 350° rotation by means of a knurled knob with timing guide marks. To mount a pneumatic timer, simply clip it on front face of contactor. Contact Rating: A600, Q600.

For Use With	Terminal Type	Type	Time range	Contact Configuration	Product Number	List Price GO-10C2
CL Contactors	Standard	Time Delay On	1-30 sec	1NO-1NC	BTLF30C	\$120.00
CL Contactors	Standard	Time Delay On	1-60 sec	1NO-1NC	BTLF60C	\$120.00
CL Contactors	Standard	Time Delay Off	1-30 sec	1NO-1NC	BTLF30D	\$120.00
CL Contactors	Standard	Time Delay Off	1-60 sec	1NO-1NC	BTLF60D	\$120.00
CL Contactors	Ring	Time Delay On	1-30 sec	1NO-1NC	BTRF30C	\$124.00
CL Contactors	Ring	Time Delay On	1-60 sec	1NO-1NC	BTRF60C	\$124.00
CL Contactors	Ring	Time Delay Off	1-30 sec	1NO-1NC	BTRF30D	\$124.00
CL Contactors	Ring	Time Delay Off	1-60 sec	1NO-1NC	BTRF60D	\$124.00

### Electronic Timers

Time-on delay and time-off delay modules for sequencing control of contactors. They deliver high repeatability, ±3% in ambient temperatures from 32° to 104°F. A red LED provides indication during time-delay operation.

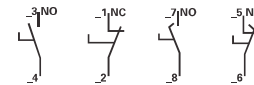
For Use With	Type	Time-Delay Range	Product Number	List Price GO-10C2
CL00-CL10 with ac coils 24-250 V	On delay	0.1-2 s	BETL02C	\$75.00
CL00-CL10 with dc coils 24-250 V	On delay	1.5-45 s	BETL45C	\$75.00
CL00-CL10 with ac coils 24-250 V	Off delay	0.1-2 s	BETL02D	\$85.00
CL00-CL10 with dc coils 24-250 V	Off delay	1.5-45 s	BETL45D	\$85.00



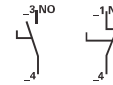
Product Number Selection Instructions: See page 5-37



Front-Mounted Block



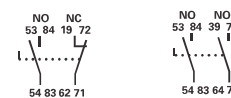
BCLF10/BCLF01/BCLF10G/BCLF01G



BCRF10/BCRF01



Side-Mounted Block



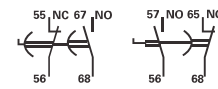
BRLL11/BRLL20



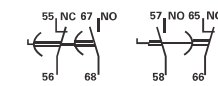
Mechanical Interlock



Pneumatic Timer



BTRF30C/BTRF60C/BTRF30D/BTRF60D



BTLF30C/BTLF60C BTLF30D/BTLF60D



Electronic Timer

# IEC Power Devices

## IEC Control Relays Accessories

### C-2000

## Section 5

#### Electronic Timer and Interface Modules

These modules add flexibility to C-2000 relays, providing time-delay functions, and interface for low voltage PLC applications or contactor-mounted manual-auto functions. Easily installed, these modules plug right into the contactor coil terminals. All modules include a status indicating LED and accept plug-in voltage surge suppressors.

#### Timers

Time-on delay and time-off delay modules for sequencing control of contactors. They deliver high repeatability,  $\pm 3\%$  in ambient temperatures from 32° to 104°F. A red LED provides indication during time-delay operation.

For Use With	Type	Time-Delay Range	Product Number	List Price GO-10C2
All RL4 Control Relays	On delay	0.1-2 s	BETL02C	\$75.00
All RL4 Control Relays	On delay	1.5-45 s	BETL45C	\$75.00
All RL4 Control Relays	Off delay	0.1-2 s	BETL02D	\$85.00
All RL4 Control Relays	Off delay	1.5-45 s	BETL45D	\$85.00



BETL\_\_\_Timer

#### Interface Modules

Interface modules allow relay operation from 24 Volt sources (such as a PLC output). Current consumption is 15 mA @ 24 Vdc. A red LED provides indication when voltage is applied to E1-E2.

For Use With	Input Voltage	Type	Product Number	List Price GO-10C2
All RL4 Control Relays	24 VDC	Relay	IMRD	\$50.00



IM\_\_\_Interface Module

#### Voltage Surge Suppressors

Voltage surge suppressors plug into timer, interface, or auto-stop-manual modules.

Coil Voltage	Surge Suppressor Type	Product Number	List Price GO-10C2
24-48 VAC	Resistive/Capacitive (R/C)	IMRC2G	\$24.00
50-127 VAC	Resistive/Capacitive (R/C)	IMRC2K	\$24.00
130-240 VAC	Resistive/Capacitive (R/C)	IMRC2R	\$24.00
24-48 VAC	Resistive/Capacitive (R/C)	IMRC3G	\$24.00
130-240 VAC	Resistive/Capacitive (R/C)	IMRC3R	\$24.00
24-48 VAC or DC	Varistor	IMV3G	\$24.00
50-127 VAC or DC	Varistor	IMV3K	\$24.00



IM\_\_\_Voltage Surge Suppressor

