

# Multi-Light Oiltight Controls Contact Blocks

CMC Series


- PTC heavy duty and electronic duty contact blocks
- Tandem mounting in any combination up to four contact blocks per operator. (Two blocks on spring return devices.)
- Exclusive four plunger adapter kit may be used with selector and selector-push units for greater circuit flexibility.

### HEAVY DUTY UL/CSA Listed

Heavy duty contact blocks contain fine silver, butting-type contacts. Terminals are angled 30° for easy screwdriver access to terminal screws. Screws contain self-lifting pressure plates for easy wiring. Holds bare wires of 12 to 16 gauge, either

singly or two wires of same or adjacent size. Crimp on spade or ring lugs can be used. Base of contact block has marked pad for pencil identification of the control from back of panel.


### TWO CIRCUIT BLOCKS ORDER GUIDE

| Butting Contacts   |                       |        | Silver Catalog Listing | Gold Plated Catalog Listing |
|--|-----------------------|--------|------------------------|-----------------------------|
|  | Description           | Symbol |                        |                             |
|               | 1 NC-1 NO             |        | PTCB                   | PTCT                        |
|  | 1 NO                  |        | PTCD                   |                             |
|  | 1 NC                  |        | PTCE                   |                             |
|  | 1 NO-1 NO             |        | PTCF                   |                             |
|  | 1 NC-1 NC             |        | PTCG                   |                             |
| For AC use only. For use with 909 pushbuttons.<br>For other applications contact MICRO SWITCH. | Overlapping LONC-ECNO |        | PTCJ                   |                             |
|  | Sequencing ECNO-NO    |        | PTCK                   |                             |

LO = late opening

EC = early closing

### FOUR CIRCUIT BLOCKS ORDER GUIDE

| Butting Contacts  |              |        | Silver Catalog Listing | Gold Plated Catalog Listing |
|---|--------------|--------|------------------------|-----------------------------|
|   | Description  | Symbol |                        |                             |
|  | 2NC-2NO      |        | PTCC                   | PTCW                        |
|   | 1 NC<br>1 NO |        | PTCH                   |                             |
|   | 1 NC<br>1 NO |        | PTCU                   |                             |

### ELECTRICAL RATINGS

| Continuous Current<br>10 Amps. Carry | AC Volts<br>35% Power Factor |     |     |     | DC Volts<br>Inductive Load |      |
|--------------------------------------|------------------------------|-----|-----|-----|----------------------------|------|
|                                      | 120                          | 240 | 480 | 600 | 125                        | 250  |
| Normal Inrush Current in Amps.       | 60                           | 30  | 15  | 12  | —                          | —    |
| Normal Break Current in Amps.        | 6                            | 3   | 1.5 | 1.2 | 2.2                        | 0.55 |

### ELECTRONIC DUTY

Electronic duty contact blocks contain sliding contacts for reliable operation on electrical loads where thermal cleaning action is not present. These blocks are offered with silver contacts for low energy applications or gold contacts for solid state millivolt and milliamp dry circuits. Terminals are combination .187 x .021 inch quick connect plated for soldering.

#### SILVER



#### GOLD



| Sliding Contacts                              |        | Silver Catalog Listing | Gold Catalog Listing |
|---|--------|------------------------|----------------------|
| Description                                   | Symbol |                        |                      |
| 4NC-4NO                                       |        | PTCL                   | PTCP                 |
| 2NC<br>2NO                                    |        | PTCM                   | PTCR                 |
| 2NC (Right half<br>2NO of 2 plunger version.) |        | PTCN                   | PTCS                 |

### ELECTRICAL RATINGS

| Standard Duty<br>Sliding Silver Contacts |                              |     |                            |     |
|--|------------------------------|-----|----------------------------|-----|
| Continuous Current<br>5 Amps. Carry      | AC Volts<br>35% Power Factor |     | DC Volts<br>Inductive Load |     |
|  | 120                          | 220 | 125                        | 250 |
| Normal Inrush Current in Amps.           | 30                           | 15  | —                          | —   |
| Normal Break in Amps.                    | 3                            | 1.5 | 1.1                        | .5  |

| Gold Contacts                                |                                  |
|--|----------------------------------|
| Maximum Volts                                | Maximum Resistive Loads in Amps. |
| 28 VDC                                       | 1 Amp. Resistive                 |
| 125 VAC                                      | .5 Amp Resistive                 |
| Initial contact resistance— .006 ohm average |                                  |