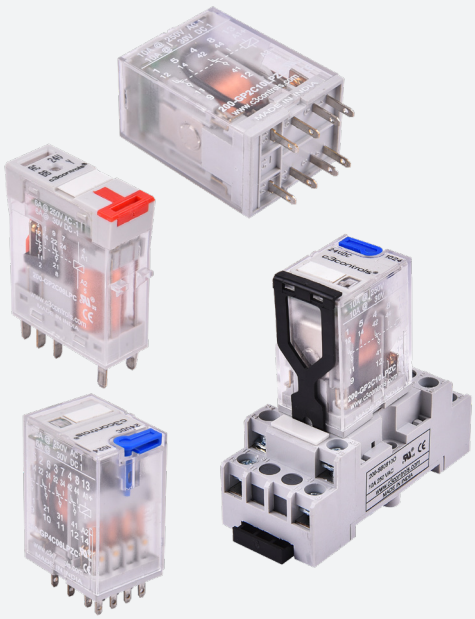
NEW

# GENERAL PURPOSE RELAYS

series 200 series 210

c3controls offers a full line of General Purpose Relays (“plug-in” relays), perfect for your control logic applications. Quick and economical to install, our relays allow for easy maintenance and assembly, and come in a variety of base configurations. Options include LED indicators and manual lockable push buttons among others. Our relays meet UL, CSA, and IEC standards requirements making them suitable for global applications.



**Section 35**



## PROVEN

**Conformity to Standards:**

**GENERAL PURPOSE RELAYS**
UL 508
CSA C22.2 No. 14-18
IEC/EN 61810-1:2008

**SOCKETS**
UL 508
CSA C22.2 No. 14-18
IEC/EN 61810-1:2008

**Certifications:**

UL File #: E224085

CE Marked (As per the Low Voltage Directive 2014/35/EU, and RoHS Directive 2015/863/EU)

UL File #: E236196

CE Marked (As per the Low Voltage Directive 2014/35/EU, and RoHS Directive 2015/863/EU)

Visit c3controls.com to download product certifications.

NOTE: The scope (range, description, price, specifications, dimensions, etc.) of the product featured in this section is subject to change without notice. Refer to c3controls.com for product updates.

# GENERAL PURPOSE RELAYS

NEW

**Every c3controls product is designed and manufactured to meet the needs of the machine builder, including our comprehensive line of General Purpose Relays. Check out all the features of our Series 200 and 210 below!**

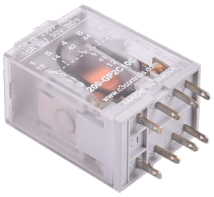
## QUICK AND ECONOMICAL—PERFECT FOR ALL YOUR CONTROL LOGIC APPLICATIONS.

| | |
|---|---|
| ✓ **Proven** | Our relays meet UL, CSA, and IEC standards requirements making them suitable for global applications. |
| ✓ **Multiple Styles** | Our line of General Purpose Relays are available in Octal Base with pin terminals and Square Base with blade-style terminals. |
| ✓ **Convenient Customization** | Our Series 210 Octal Base relays with pin style terminals are interchangeable with other commonly available relays. |
| ✓ **Easy Reference** | Schematic diagrams and terminal markings are located on the relay for easy reference during installation. |
| ✓ **Transparent Housing** | Allows you to see switching operations and the condition of the contacts. |
| ✓ **Wide Range of Specifications** | Various pole combinations, such as SPDT, DPDT, 3PDT, and 4PDT, are in stock for same-day delivery, featuring a current rating up to 10A. Additionally, SPST, DPST, 3PST, 1 NO + NC contacts, and 1 NO Double break contacts are also offered; however, their availability is contingent on lead time and minimum order quantities. |
| ✓ **Environmentally Safe** | Our AgNi contacts are cadmium-free and environmentally friendly. |
| ✓ **Limited Lifetime Warranty*** | Every product is backed by our limited lifetime warranty—unmatched in the industry—bringing you quality components that perform in the most demanding applications. |
| ✓ **Guaranteed Same-Day Shipping*** | Product availability reduces inventory and improves cash flow—saving you money. With c3controls any order for standard catalog items received by 6:00 pm ET is guaranteed to ship same-day. |
| ✓ **Advantage Pricing** | Our approach to product development, manufacturing, and focus on servicing the OEM and Electrical Equipment Builder reduces cost. The result—the best value in the industry. |

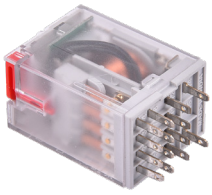
*See c3controls Terms & Conditions

Square Base 1 Pole with Blade Terminals

Square Base 2 Pole with Blade Terminals



Square Base 4 Pole with Blade Terminals

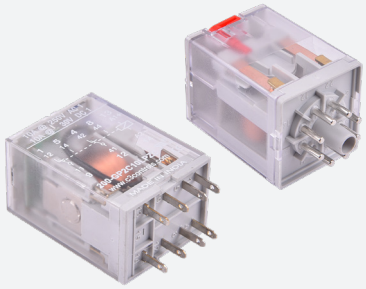


Octal Base 2 Pole with Pin Terminals

Octal Base 3 Pole with Pin Terminals

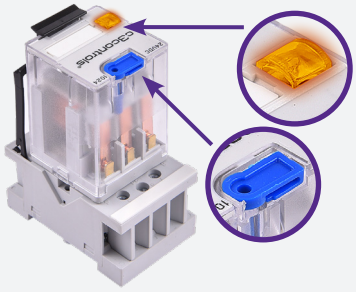
## UNIQUE PRODUCT LINE FEATURES

### RELIABILITY REDEFINED



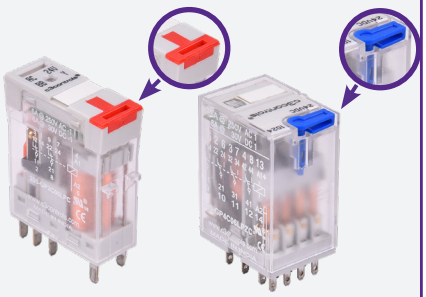
Our General Purpose Relays ensure consistent, trouble-free performance for smooth system operation.

### ENHANCED CONTROL AND SAFETY



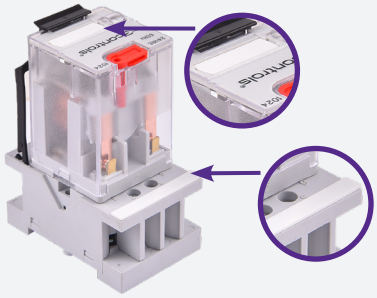
Opt for our manual push button with an indicator for safe circuit checks without relay energization.

### QUICK IDENTIFICATION



Relay coil voltages are printed for easy identification. Color-coded push buttons distinguish DC (blue) and AC (red) controls for simplified operation.

### MARKING STRIPS

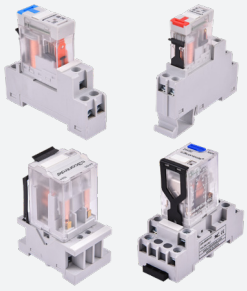


Marking plates at relays and sockets to provide easy identification, improving maintenance efficiency and minimizing errors.

### INBUILT RETAINER CLIPS

Built-in plastic retainer clips in relay sockets ensure secure and hassle-free relay installation and replacement.

### VERSATILE APPLICATIONS



Our relays seamlessly adapt to industrial, commercial, and residential applications, making them the ideal choice for diverse settings.

# Square Base 1 Pole Relays with Blade Terminals

- SPDT and SPST relays with a 10A rating provide flexibility for control circuit applications.
- Coil voltages printed on top of relays for easy identification, ensuring the right choice for your application.
- Our color-coded push buttons simplify operation by clearly distinguishing between DC (blue) and AC (red) controls.
- Comprehensive selection of coil voltages, ranging from 12V to 230V AC and 12V to 110V DC.
- Low coil consumption to minimize transformer and power supply requirements.
- Transparent housing designed for visual observation of switching mechanisms and contact points, allowing for real-time assessment of operational and wear status.
- Small size requiring minimum panel space for lower installed cost.
- Schematic diagram and terminal markings on the relay for easy reference during installation.
- Optional manual and lockable push button and LED indicator for checking the control circuit operation without energizing the relay and to easily determine the relay status.
- 100% tested to ensure performance to specification.
- UL, CSA and CE for acceptance in global applications.
- AgNi contacts, environmentally friendly - cadmium-free.

## IT'S EASY TO BUILD YOUR OWN RELAY

***Simply pick the code number from each of the sections below and combine them to build your part number.***

### Square Base 1 Pole Relay with Blade Terminals

**200-GP ____ 10 ____ ____**

*I II III IV V*

**Example: To build one of our most popular Relays, the part number would be 200-GP + II + 10 + IV + V or 200-GP1C10C**


### I. RELAY TYPE

| CODE | DESCRIPTION |
|---|---|
| 200-GP | General Purpose Relay |

### II. POLES / CONTACT TYPE

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 1X | SPST (1 N.O.)* | $20.00 |
| 1C | SPDT (1 C/O) | $11.00 |

### III. CURRENT RATING

| CODE | DESCRIPTION |
|---|---|
| 10 | 10 Amps |

### IV. OPTIONS

| CODE | DESCRIPTION | LIST |
|---|---|---|
| (Blank) | No Options | — |
| LP | LED Indicator, Manual and Lockable Push Button | $ 2.00 |
| LPW | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode* | $10.00 |
| LPG | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode and Polarity Diode* | $12.00 |
| LPR | LED Indicator, Manual and Lockable Push Button with RC Circuit* | $16.00 |
| LPH | LED Indicator, Manual and Lockable Push Button with Bridge Rectifier* | $12.00 |

### V. COIL VOLTAGE

| CODE | DESCRIPTION | FOR OPTION CODES |
|---|---|---|
| B | 12V AC* | LP |
| C | 24V AC | LP, LPH |
| J | 48V AC* | LP, LPH |
| U | 115V AC | LP, LPR |
| V | 230V AC | LP, LPR |
| ZB | 12V DC | LP, LPW, LPG |
| ZC | 24V DC | LP, LPW, LPG, LPH |
| ZJ | 48V DC* | LP, LPW, LPG, LPH |
| ZD | 110V DC* | LP, LPW, LPG |

*NOTE: Products marked with * are not available for same-day shipping.
Please contact our Customer First Team for lead times and minimum order quantities.

DISCOUNT SCHEDULE G

### COMPATIBLE SOCKETS

| RELAY TYPE | COMPATIBLE SOCKETS |
|---|---|
| 200-GP1C10** | 200-SB0510O with Screw Clamp Terminals (Guarded) or |
| 200-GP1X10** | 200-SB0510B* with Box Terminals |

NOTE: ** Represents the Options and Coil Voltage codes. Refer to charts IV & V above.
See page 14 for socket information.

## SPECIFICATIONS:

| | | SQUARE BASE 1 POLE RELAYS | | | | |
|---|---|---|---|---|---|---|
| | UNITS | 200-GP1C10** & 200-GP1X10** | | | | |
| **CONTACTS** | | | | | | |
| Maximum Switching Current | A | 10 | | | | |
| Maximum Peak Inrush Current (20ms) | A | 30 | | | | |
| Maximum Switching Voltage | V | 250 | | | | |
| Maximum AC Load | kVA | 2.5 | | | | |
| Resistive Load | PF = 1.0 | 250 VAC - 10A<br>30 VDC - 10A | | | | |
| Inductive Load | PF = 0.4 | 240 VAC - 3A<br>240 VAC - 2A | | | | |
| Motor Load | | 240 VAC - 1/4 HP<br>240 VAC - 1/10 HP | | | | |
| Minimum Recommended Load | | 10 VDC - 10mA | | | | |
| **INSULATION** | | | | | | |
| **Dielectric Strength (1 minute)** | | | | | | |
| Open Contacts | kV | 1 | | | | |
| Between Contacts and Coil | kV | 5 | | | | |
| Insulation Resistance @ 500 VDC | Ω | >3G | | | | |
| **COILS (Ohms ±10% @ 20°C)** | | | | | | |
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 12V AC | | 80 | 1.1 VA | ≤85% of Nominal Voltage | ≥ 30% of Nominal Voltage | 110% of Rated Voltage |
| 24V AC | | 290 | | | | |
| 48V AC | | 1,200 | | | | |
| 115V AC | | 7,300 | | | | |
| 230V AC | | 28,800 | | | | |
| 12V DC | | 224 | 0.7 W | ≤75% of Nominal Voltage | ≥ 10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 742 | | | | |
| 48V DC | | 3,500 | | | | |
| 110V DC | | 19,900 | | | | |
| **ENVIRONMENTAL** | | | | | | |
| Operate Time + Bounce Time | ms | 10 | | | | |
| Release Time + Bounce Time | ms | 8 | | | | |
| Ambient Temperature | | -40°C to +70°C (-40°F to +158°F) | | | | |
| Mechanical Life Operations | | 10 Million AC, 20 Million DC Relays | | | | |
| Electrical Life @ Nominal Load | ops | >100,000 | | | | |
| Operating Frequency @ Nominal Load | | 1,200/hour | | | | |
| Protection | | IP40 / RT1 | | | | |
| Weight | gms | 21 | | | | |
| **ROHS COMPLIANCE** | | For RoHS compliance documentation by product, refer to c3controls.com | | | | |

# Square Base 2 Pole Relays with Blade Terminals

- DPDT and DPST relays with ratings of 6 Amps and 10 Amps provide options for control circuit applications.
- Coil voltages printed on top of relays for easy identification, ensuring the right choice for your application.
- Our color-coded push buttons simplify operation by clearly distinguishing between DC (blue) and AC (red) controls.
- Comprehensive selection of coil voltages, ranging from 6V to 230V AC and 12V to 220V DC.
- Low coil consumption to minimize transformer and power supply requirements.
- Transparent housing designed for visual observation of switching mechanisms and contact points, allowing for real-time assessment of operational and wear status.
- Small size requiring minimum panel space for lower installed cost.
- Schematic diagram and terminal markings on the relay for easy reference during installation.
- Optional manual and lockable push button and LED indicator for checking the control circuit operation without energizing the relay and to easily determine the relay status.
- 100% tested to ensure performance to specification.
- UL, CSA and CE for acceptance in global applications.
- AgNi contacts, environmentally friendly - cadmium-free.

## IT'S EASY TO BUILD YOUR OWN RELAY

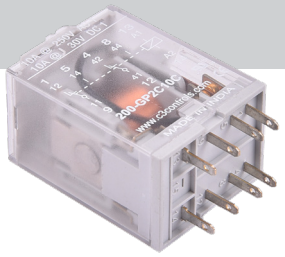
***Simply pick the code number from each of the sections below and combine them to build your part number.***

### Square Base 2 Pole Relay with Blade Terminals

**200-GP** ____ ____ ____ ____

*I* *II* *III* *IV* *V*

NEW



**Example: To build one of our most popular Relays, the part number would be 200-GP + II + III + IV + V or 200-GP2C10C**

#### I. RELAY TYPE

| CODE | DESCRIPTION |
|---|---|
| 200-GP | General Purpose Relay |

#### II. POLES / CONTACT TYPE

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 2X | DPST (2 N.O.)* | $17.40 |
| 2C | DPDT (2 C/O) | $10.00 |
| 2XY | DPST (1 N.O. + 1 N.C.)* | $13.90 |

#### III. CURRENT RATING

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 10 | 10 Amps | $ 2.60 |
| 06 | 6 Amps | — |

*NOTE: 6 Amp rating not available with 2XY contact or Coil Voltages 110V AC and 220V DC.

#### IV. OPTIONS

| CODE | DESCRIPTION | LIST |
|---|---|---|
| (Blank) | No Options | — |
| LP | LED Indicator, Manual and Lockable Push Button | $ 2.00 |
| LPW | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode* | $10.00 |
| LPG | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode and Polarity Diode* | $12.00 |
| LPR | LED Indicator, Manual and Lockable Push Button with RC Circuit* | $16.00 |
| LPH | LED Indicator, Manual and Lockable Push Button with Bridge Rectifier* | $12.00 |

#### V. COIL VOLTAGE

| CODE | DESCRIPTION | FOR OPTION CODES |
|---|---|---|
| A | 6V AC* | LP |
| B | 12V AC* | LP |
| C | 24V AC | LP, LPH |
| J | 48V AC* | LP, LPH |
| I | 110V AC* | LP |
| U | 115V AC | LP, LPR |
| V | 230V AC | LP, LPR |
| ZB | 12V DC* | LP, LPW, LPG |
| ZC | 24V DC | LP, LPW, LPG, LPH |
| ZJ | 48V DC* | LP, LPW, LPG, LPH |
| ZD | 110V DC | LP, LPW, LPG |
| ZE | 220V DC* | LP, LPW, LPG |

*NOTE: Products marked with * are not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities.

DISCOUNT SCHEDULE G

#### COMPATIBLE SOCKETS

| RELAY TYPE | COMPATIBLE SOCKETS |
|---|---|
| 200-GP2C06**<br>200-GP2X06** | 200-SB0806O with Screw Clamp Terminals (Guarded) or 200-SB0806B* with Box Terminals |
| 200-GP2C10**<br>200-GP2X10**<br>200-GP2XY10** | 200-SB0810O with Screw Clamp Terminals (Guarded) or 200-SB0810B* with Box Terminals |

NOTE: ** Represents the Options and Coil Voltage codes. Refer to charts IV & V above. See page 14 &15 for socket information.

## SPECIFICATIONS:

| SQUARE BASE 2 POLE RELAYS | | | | |
|---|---|---|---|---|
| | UNITS | 200-GP2C06** / 200-GP2X06** | 200-GP2C10** / 200-GP2X10** | 200-GP2XY10** |
| **CONTACTS** | | | | |
| Maximum Switching Current | A | 6 | 10 | 10 |
| Maximum Peak Inrush Current (20 ms) | A | 30 | 30 | 30 |
| Maximum Switching Voltage | V | 250 | 250 | 250 |
| Maximum AC Load | kVA | 1.5 | 2.5 | 2.5 |
| Resistive Load | PF = 1.0 | 250 VAC - 6A<br>30 VDC - 6A | 250 VAC - 10A<br>30 VDC - 10A | 250 VAC - 10A<br>30 VDC - 10A |
| Inductive Load | PF = 0.4 | 240 VAC - 2A<br>240 VDC - 2A | 240 VAC - 3A<br>240 VDC - 1.5A | 240 VAC - 3A<br>240 VAC - 1.5A |
| Motor Load | | | 240 VAC - 1/2 HP | 240 VAC -1/2 HP |
| Minimum Recommended Load | | 10 VDC - 10mA | 10 VDC - 10mA | 10 VDC - 10mA |
| **INSULATION** | | | | |
| **Dielectric Strength (1 minute)** | | | | |
| Open Contacts | kV | 3 | 2.5 | 2.5 |
| Between Contacts and Coil | kV | 5 | 2.5 | 2.5 |
| Insulation Resistance @ 500 VDC | Ω | >3G | >3G | >3G |

| COILS (Ohms ±10% @ 20°C) | | 200-GP2C06** / 200-GP2X06** | | | | |
|---|---|---|---|---|---|---|
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 12V AC | | 80 | 1.1 VA | ≤85% of Nominal Voltage | ≥ 30% of Nominal Voltage | 110% of Rated Voltage |
| 24V AC | | 290 | | | | |
| 48V AC | | 1,200 | | | | |
| 115V AC | | 7,300 | | | | |
| 230V AC | | 28,800 | | | | |
| 12V DC | | 224 | 0.7 W | ≤75% of Nominal Voltage | ≥ 10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 742 | | | | |
| 48V DC | | 3,500 | | | | |
| 110V DC | | 19,900 | | | | |

| COILS (Ohms ±10% @ 20°C) | | 200-GP2C10** / 200-GP2X10** / 200-GP2XY10** | | | | |
|---|---|---|---|---|---|---|
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 6V AC | | 12 | 1.2 VA | ≤85% of Nominal Voltage | ≥ 30% of Nominal Voltage | 110% of Rated Voltage |
| 12V AC | | 50 | | | | |
| 24V AC | | 190 | | | | |
| 48V AC | | 785 | | | | |
| 110 / 115V AC | | 3,880 | | | | |
| 230V AC | | 17,400 | | | | |
| 12V DC | | 160 | 1.0 W | ≤75% of Nominal Voltage | ≤10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 640 | | | | |
| 48V DC | | 2,600 | | | | |
| 110V DC | | 13,600 | | | | |
| 220V DC | | 54,000 | | | | |

| | | | | |
|---|---|---|---|---|
| **ENVIRONMENTAL** | | | | |
| Operate Time + Bounce Time | ms | 10 | 10 | 16 |
| Release Time + Bounce Time | ms | 8 | 8 | 8 |
| Ambient Temperature | | -40°C to +70°C (-40°F to +158°F) | -40°C to +70°C (-40°F to +158°F) | -40°C to +70°C (-40°F to +158°F) |
| Mechanical Life Operations | | 10 Million AC, 20 Million DC Relays | 10 Million AC, 20 Million DC Relays | 10 Million AC, 20 Million DC Relays |
| Electrical Life @ Nominal Load | ops | >100,000 | >100,000 | >100,000 |
| Operating Frequency @ Nominal Load | | 1,200/hour | 1,200/hour | 1,200/hour |
| Protection | | IP40 / RT1 | IP40 / RT1 | IP40 / RT1 |
| Weight | gms | 21 | 43 | 43 |
| **ROHS COMPLIANCE** | | For RoHS compliance documentation by product, refer to c3controls.com | | |

# Square Base 4 Pole Relays with Blade Terminals

- 4PDT relays with a 6-amp rating offer flexibility for control circuit applications.
- Coil voltages printed on top of relays for easy identification, ensuring the right choice for your application.
- Our color-coded push buttons simplify operation by clearly distinguishing between DC (blue) and AC (red) controls.
- Comprehensive selection of coil voltages, ranging from 6V to 230V AC and 12V to 220V DC.
- Low coil consumption to minimize transformer and power supply requirements.
- Transparent housing designed for visual observation of switching mechanisms and contact points, allowing for real-time assessment of operational and wear status.
- Small size requiring minimum panel space for lower installed cost.
- Schematic diagram and terminal markings on the relay for easy reference during installation.
- Optional manual and lockable push button and LED indicator for checking the control circuit operation without energizing the relay and to easily determine the relay status.
- 100% tested to ensure performance to specification.
- UL, CSA and CE for acceptance in global applications.
- AgNi contacts, environmentally friendly - cadmium-free.

## IT'S EASY TO BUILD YOUR OWN RELAY

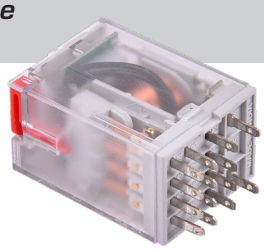
***Simply pick the code number from each of the sections below and combine them to build your part number.***

### Square Base 4 Pole Relay with Blade Terminals

**200-GP 4C 06 ____ ____**

*I II III IV V*

NEW



**Example: To build one of our most popular Relays, the part number would be 200-GP + 4C + 06 + IV + V or 200-GP4C06LPC**

#### I. RELAY TYPE

| CODE | DESCRIPTION |
|---|---|
| 200-GP | General Purpose Relay |

#### II. POLES / CONTACT TYPE

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 4C | 4PDT (4 C/O) | $11.20 |

#### III. CURRENT RATING

| CODE | DESCRIPTION |
|---|---|
| 06 | 6 Amps |

#### IV. OPTIONS

| CODE | DESCRIPTION | LIST |
|---|---|---|
| (Blank) | No Options | — |
| LP | LED Indicator, Manual and Lockable Push Button | $ 2.00 |
| LPW | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode* | $10.00 |
| LPG | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode and Polarity Diode* | $12.00 |
| LPR | LED Indicator, Manual and Lockable Push Button with RC Circuit* | $16.00 |
| LPH | LED Indicator, Manual and Lockable Push Button with Bridge Rectifier* | $12.00 |

#### V. COIL VOLTAGE

| CODE | DESCRIPTION | FOR OPTION CODES |
|---|---|---|
| A | 6V AC* | LP |
| B | 12V AC* | LP |
| C | 24V AC | LP, LPH |
| J | 48V AC* | LP, LPH |
| I | 110V AC* | LP |
| U | 115V AC | LP, LPR |
| V | 230V AC | LP, LPR |
| ZB | 12V DC* | LP, LPW, LPG |
| ZC | 24V DC | LP, LPW, LPG, LPH |
| ZJ | 48V DC* | LP, LPW, LPG, LPH |
| ZD | 110V DC | LP, LPW, LPG |
| ZE | 220V DC* | LP, LPW, LPG |

*NOTE: Products marked with * are not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities.

DISCOUNT SCHEDULE G

#### COMPATIBLE SOCKETS

| RELAY TYPE | COMPATIBLE SOCKETS |
|---|---|
| 200-GP4C06** | 200-SB1406O with Screw Clamp Terminals (Guarded) or 200-SB1406B* with Box Terminals |

NOTE: ** Represents the Options and Coil Voltage codes. Refer to charts IV & V above.
See page 15 for socket information.

## SPECIFICATIONS:

| SQUARE BASE 4 POLE RELAYS | | | | | | |
|---|---|---|---|---|---|---|
| | UNITS | 200-GP4C06** | | | | |
| **CONTACTS** | | | | | | |
| Maximum Switching Current | A | 6 | | | | |
| Maximum Peak Inrush Current (20ms) | A | 15 | | | | |
| Maximum Switching Voltage | V | 250 | | | | |
| Maximum AC Load | kVA | 2.5 | | | | |
| Resistive Load | PF = 1.0 | 250 VAC - 6A<br>30 VDC - 6A | | | | |
| Inductive Load | PF = 0.4 | 120 VAC - 3A<br>28 VDC - 3A | | | | |
| Minimum Recommended Load | | 10 VDC - 10mA | | | | |
| **INSULATION** | | | | | | |
| **Dielectric Strength (1 minute)** | | | | | | |
| Between Adjacent Poles | kV | 2.5 | | | | |
| Between Contacts and Coil | kV | 2.5 | | | | |
| Insulation Resistance @ 500 VDC | Ω | 3G | | | | |
| **COILS (Ohms ±10% @ 20°C)** | | | | | | |
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 6V AC | | 3.15 | 1.2 VA | ≤85% of Nominal Voltage | ≥ 30% of Nominal Voltage | 110% of Rated Voltage |
| 12V AC | | 13.3 | | | | |
| 24V AC | | 52 | | | | |
| 48V AC | | 240 | | | | |
| 110 / 115V AC | | 1,120 | | | | |
| 230V AC | | 5,600 | | | | |
| 12V DC | | 115 | 1.0 W | ≤75% of Nominal Voltage | ≥ 10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 480 | | | | |
| 48V DC | | 1,850 | | | | |
| 110V DC | | 9,000 | | | | |
| 220V DC | | 29,000 | | | | |
| **ENVIRONMENTAL** | | | | | | |
| Operate Time + Bounce Time | ms | 10 | | | | |
| Release Time + Bounce Time | ms | 6 | | | | |
| Ambient Temperature | | -40°C to +70°C (-40°F to +158°F) | | | | |
| Mechanical Life Operations | | 10 Million AC, 20 Million DC Relays | | | | |
| Electrical Life @ Nominal Load | ops | >100,000 | | | | |
| Operating Frequency @ Nominal Load | | 1,200/hour | | | | |
| Protection | | IP40 | | | | |
| Weight | gms | 80 | | | | |
| **ROHS COMPLIANCE** | | For RoHS compliance documentation by product, refer to c3controls.com | | | | |

# Octal Base 2 Pole Relays with Pin Terminals

- DPDT and DPST relays for control circuit application flexibility.
- Pin terminals allow for universal socket fit and are interchangeable with other commonly available octal base relays.
- Coil voltages printed on top of relays for easy identification, ensuring the right choice for your application.
- Our color-coded push buttons simplify operation by clearly distinguishing between DC (blue) and AC (red) controls.
- Comprehensive selection of coil voltages, ranging from 12V to 230V AC and 6V to 220V DC.
- Low coil consumption to minimize transformer and power supply requirements.
- Transparent housing designed for visual observation of switching mechanisms and contact points, allowing for real-time assessment of operational and wear status.
- Small size requiring minimum panel space for lower installed cost.
- Schematic diagram and terminal markings on the relay for easy reference during installation.
- Optional manual and lockable push button and LED indicator for checking the control circuit operation without energizing the relay and to easily determine the relay status.
- 100% tested to ensure performance to specification.
- UL, CSA and CE for acceptance in global applications.
- AgNi contacts, environmentally friendly - cadmium-free.

## IT'S EASY TO BUILD YOUR OWN RELAY

***Simply pick the code number from each of the sections below and combine them to build your part number.***

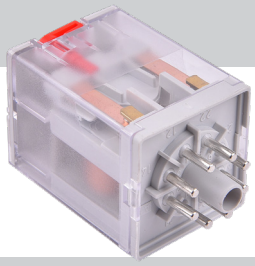
### Octal Base 2 Pole Relays with Pin Terminals

**210-GP** ____ **10** ____ ____

*I* *II* *III* *IV* *V*

**Example: To build one of our most popular Relays, the part number would be 210-GP + II + 10 + IV + V or 210-GP2C10LPC**

NEW



#### I. RELAY TYPE

| CODE | DESCRIPTION |
|---|---|
| 210-GP | General Purpose Relay |

#### II. POLES / CONTACT TYPE

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 2X | DPST (2 N.O.)* | $24.00 |
| 2C | DPDT (2 C/O) | $14.00 |
| 2XY | DPST (1 N.O. + 1 N.C.)* | $20.00 |
| 2XD | SPST (1 N.O., Double Break)* | $20.00 |

#### III. CURRENT RATING

| CODE | DESCRIPTION |
|---|---|
| 10 | 10 Amps |

#### IV. OPTIONS

| CODE | DESCRIPTION | LIST |
|---|---|---|
| (Blank) | No Options | — |
| LP | LED Indicator, Manual and Lockable Push Button | $ 2.00 |
| LPG | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode and Polarity Diode* | $12.00 |
| LPR | LED Indicator, Manual and Lockable Push Button with RC Circuit* | $16.00 |
| LPH | LED Indicator, Manual and Lockable Push Button with Bridge Rectifier* | $12.00 |

#### V. COIL VOLTAGE

| CODE | DESCRIPTION | FOR OPTION CODES |
|---|---|---|
| B | 12V AC* | LP |
| C | 24V AC | LP, LPH |
| J | 48V AC* | LP, LPH |
| I | 110V AC | LP |
| V | 230V AC | LP, LPR |
| ZB | 12V DC* | LP, LPG |
| ZC | 24V DC | LP, LPG, LPH |
| ZJ | 48V DC* | LP, LPG, LPH |
| ZD | 110V DC | LP, LPG |
| ZE | 220V DC* | LP, LPG |

*NOTE: Products marked with * are not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities.

DISCOUNT SCHEDULE G

#### COMPATIBLE SOCKETS

| RELAY TYPE | COMPATIBLE SOCKETS |
|---|---|
| 210-GP2C10** | 210-SP0810B with Box Terminals |
| 210-GP2X10** | |
| 210-GP2XY10** | |
| 210-GP2XD10** | |

NOTE: ** Represents the Options and Coil Voltage codes. Refer to charts IV & V above. See page 16 for socket information.

## SPECIFICATIONS:

| OCTAL BASE 2 POLE RELAYS | | | | | | |
|---|---|---|---|---|---|---|
| | UNITS | 210-GP2C10** | | 210-GP2X10** | | 210-GP2XY10**/ 210-GP2XD10** |
| **CONTACTS** | | | | | | |
| Maximum Switching Current | A | 10 | | | | |
| Maximum Peak Inrush Current (20ms) | A | 30 | | | | |
| Maximum Switching Voltage | V | 250 | | | | |
| Maximum AC Load | kVA | 2.5 | | | | |
| Resistive Load | PF = 1.0 | 250 VAC - 10A<br>30 VDC - 10A | | | | |
| Inductive Load | PF = 0.4 | 240 VAC - 7A<br>120 VAC - 10A<br>28 VDC - 8A | | | | |
| Motor Load | | 240 VAC - 1/3 HP<br>120 VAC - 1/4 HP | | | | |
| Minimum Recommended Load | | 10 VDC - 10mA | | | | |
| **INSULATION** | | | | | | |
| **Dielectric Strength (1 minute)** | | | | | | |
| Between Adjacent Poles | kV | 1.5 | | 2 | | |
| Between Contacts and Coil | kV | 2 | | 2.5 | | |
| Insulation Resistance @ 500 VDC | Ω | 200M | | | | |
| **COILS (Ohms ±10% @ 20°C)** | | | | | | |
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 12V AC | | 13.3 | 2.5 VA | ≤85% of Nominal Voltage | ≥ 30% of Nominal Voltage | 110% of Rated Voltage |
| 24V AC | | 52 | | | | |
| 48V AC | | 240 | | | | |
| 110V AC | | 1,120 | | | | |
| 230V AC | | 5,600 | | | | |
| 12V DC | | 115 | 0.7 W | ≤75% of Nominal Voltage | ≥ 10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 480 | | | | |
| 48V DC | | 1,850 | | | | |
| 110V DC | | 9,000 | | | | |
| 220V DC | | 29,000 | | | | |
| **ENVIRONMENTAL** | | | | | | |
| Operate Time + Bounce Time | ms | 8+3/3.5+8 | | 20+3 | | |
| Release Time + Bounce Time | ms | 9+8/12+16 | | 20+8 | | |
| Ambient Temperature | | -40°C to +70°C (-40°F to +158°F) | | | | |
| Mechanical Life Operations | | 10 Million AC, 20 Million DC Relays | | | | |
| Electrical Life @ Nominal Load | ops | >100,000 | | | | |
| Operating Frequency @ Nominal Load | | 1,200/hour | | | | |
| Protection | | IP40 | | | | |
| Weight | gms | 80 | | | | |
| **ROHS COMPLIANCE** | | For RoHS compliance documentation by product, refer to c3controls.com | | | | |

# Octal Base 3 Pole Relays with Pin Terminals

- 3PDT and 3PST relays for control circuit application flexibility.
- Pin terminals allow for universal socket fit and are interchangeable with other commonly available octal base relays.
- Coil voltages printed on top of relays for easy identification, ensuring the right choice for your application.
- Our color-coded push buttons simplify operation by clearly distinguishing between DC (blue) and AC (red) controls.
- Comprehensive selection of coil voltages, ranging from 12V to 230V AC and 6V to 220V DC.
- Low coil consumption to minimize transformer and power supply requirements.
- Transparent housing designed for visual observation of switching mechanisms and contact points, allowing for real-time assessment of operational and wear status.
- Small size requiring minimum panel space for lower installed cost.
- Schematic diagram and terminal markings on the relay for easy reference during installation.
- Optional manual and lockable push button and LED indicator for checking the control circuit operation without energizing the relay and to easily determine the relay status.
- 100% tested to ensure performance to specification.
- UL, CSA and CE for acceptance in global applications.
- AgNi contacts, environmentally friendly - cadmium-free.

## IT'S EASY TO BUILD YOUR OWN RELAY

***Simply pick the code number from each of the sections below and combine them to build your part number.***

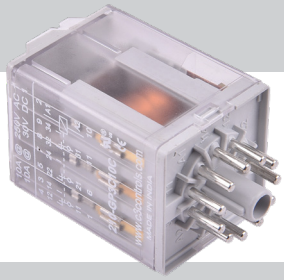
### Octal Base 3 Pole Relays with Pin Terminals

**210-GP** ____ **10** ____ ____

*I* *II* *III* *IV* *V*

**Example: To build one of our most popular Relays, the part number would be 210-GP + II + 10 + IV + V or 210-GP3C10C**

NEW



#### I. RELAY TYPE

| CODE | DESCRIPTION |
|---|---|
| 210-GP | General Purpose Relay |

#### II. POLES / CONTACT TYPE

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 3X | 3PST (3 N.O.)* | $25.00 |
| 3C | 3PDT (3 C/O) | $15.60 |

#### III. CURRENT RATING

| CODE | DESCRIPTION |
|---|---|
| 10 | 10 Amps |

#### IV. OPTIONS

| CODE | DESCRIPTION | LIST |
|---|---|---|
| (Blank) | No Options | — |
| LP | LED Indicator, Manual and Lockable Push Button | $ 2.00 |
| LPW | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode* | $10.00 |
| LPG | LED Indicator, Manual and Lockable Push Button with Free Wheeling Diode and Polarity Diode* | $12.00 |
| LPR | LED Indicator, Manual and Lockable Push Button with RC Circuit* | $16.00 |
| LPH | LED Indicator, Manual and Lockable Push Button with Bridge Rectifier* | $12.00 |

#### V. COIL VOLTAGE

| CODE | DESCRIPTION | FOR OPTION CODES |
|---|---|---|
| B | 12V AC* | LP |
| C | 24V AC | LP, LPH |
| J | 48V AC* | LP, LPH |
| I | 110V AC | LP |
| V | 230V AC | LP, LPR |
| ZB | 12V DC* | LP, LPW, LPG |
| ZC | 24V DC | LP, LPW, LPG, LPH |
| ZJ | 48V DC* | LP, LPW, LPG, LPH |
| ZD | 110V DC | LP, LPW, LPG |
| ZE | 220V DC* | LP, LPW, LPG |

*NOTE: Products marked with * are not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities.

DISCOUNT SCHEDULE G

#### COMPATIBLE SOCKETS

| RELAY TYPE | COMPATIBLE SOCKETS |
|---|---|
| 210-GP3C10**<br>210-GP3X10** | 210-SP1110B with Box Terminals |

NOTE: ** Represents the Options and Coil Voltage codes. Refer to charts IV & V above. See page 16 for socket information.

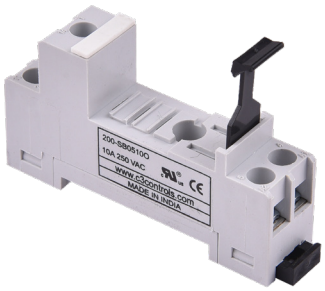
## SPECIFICATIONS:

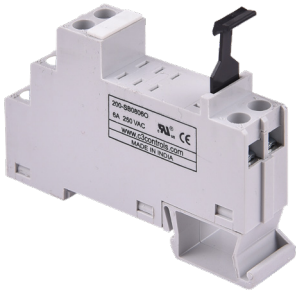
| OCTAL BASE 3 POLES RELAYS | | | | | | |
|---|---|---|---|---|---|---|
| | UNITS | 210-GP3C10**/ 210-GP3X10** | | | | |
| **CONTACTS** | | | | | | |
| Maximum Switching Current | A | 10 | | | | |
| Maximum Peak Inrush Current (20ms) | A | 30 | | | | |
| Maximum Switching Voltage | V | 250 | | | | |
| Maximum AC Load | kVA | 2.5 | | | | |
| Resistive Load | PF = 1.0 | 250 VAC - 10A<br>30 VDC - 10A | | | | |
| Inductive Load | PF = 0.4 | 240 VAC - 7A<br>120 VAC - 10A<br>28 VDC - 8A | | | | |
| Motor Load | | 240 VAC - 1/3 HP<br>120 VAC - 1/4 HP | | | | |
| Minimum Recommended Load | | 10 VDC - 10mA | | | | |
| **INSULATION** | | | | | | |
| **Dielectric Strength (1 minute)** | | | | | | |
| Between Adjacent Poles | kV | 2 | | | | |
| Between Contacts and Coil | kV | 2.5 | | | | |
| Insulation Resistance @ 500 VDC | Ω | 200M | | | | |
| **COILS (Ohms ±10% @ 20°C)** | | | | | | |
| **VOLTAGE** | | **Coil Resistance (+/– 10% OHMS)** | **Power Consumption** | **Pick-Up Voltage** | **Drop-Out Voltage** | **Maximum Allowed Voltage** |
| 12V AC | | 13.3 | 2.5 VA | ≤85% of Nominal voltage | ≥ 30% of Nominal voltage | 110% of Rated Voltage |
| 24V AC | | 52 | | | | |
| 48V AC | | 240 | | | | |
| 110 / 115V AC | | 1,120 | | | | |
| 230V AC | | 5,600 | | | | |
| 12V DC | | 115 | 0.7 W | ≤75% of Nominal Voltage | ≥ 10% of Nominal Voltage | 110% of Rated Voltage |
| 24V DC | | 480 | | | | |
| 48V DC | | 1,850 | | | | |
| 110V DC | | 9,000 | | | | |
| 220V DC | | 29,000 | | | | |
| **ENVIRONMENTAL** | | | | | | |
| Operate Time + Bounce Time | ms | 8+3/3.5+8 | | | | |
| Release Time + Bounce Time | ms | 9+8/12+16 | | | | |
| Ambient Temperature | | -40°C to +70°C (-40°F to +158°F) | | | | |
| Mechanical Life Operations | | 10 Million AC, 20 Million DC Relays | | | | |
| Electrical Life @ Nominal Load | ops | >100,000 | | | | |
| Operating Frequency @ Nominal Load | | 1,200/hour | | | | |
| Protection | | IP40 | | | | |
| Weight | gms | 80 | | | | |
| **ROHS COMPLIANCE** | | For RoHS compliance documentation by product, refer to c3controls.com | | | | |

# General Purpose Pin & Blade Relay Sockets

- DIN rail mounting for fast and easy installation.
- IP20 guarded terminals to prevent accidental contact with live parts.
- Combination head (+/-) terminal screws accept straight, phillips, or pozidrive screwdrivers.
- UL, CSA and CE for acceptance in global applications.
- Open style terminals to accept ring tongue terminals.
- Panel mounting for secure installation in high vibration and shock installations.

## 5 & 8 BLADE OPEN & BOX TYPE SOCKETS





### 5 BLADE SOCKETS FOR SQUARE BASE 1 POLE RELAYS, 10A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 200-SB0510O | 5 Blade 10 Amp Screw Clamp Terminals (Guarded) | $ 6.00 |
| 200-SB0510B | 5 Blade 10 Amp Box Terminal* | $ 6.00 |

*NOTE: Not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities.

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 10A /250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 5 kV |
| Between All Terminals and DIN Rail: | | 5 kV |
| Between Adjacent Terminals: | | 3 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 1.2 |
| | Lb-in. | 10.6 |
| Weight | g | 28 |
| | oz | 1.0 |

**ROHS COMPLIANCE**
For documentation by product, refer to c3controls.com.

**FOR USE WITH:**
RELAY: 200-GP1C10** & 200-GP1X10**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 4 for codes.

### 8 BLADE SOCKETS FOR SQUARE BASE 2 POLE RELAYS, 6A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 200-SB0806O | 8 Blade 6 Amp Screw Clamp Terminals (Guarded) | $ 6.00 |
| 200-SB0806B | 8 Blade 6 Amp Box Terminal* | $ 6.00 |

*NOTE: Not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 6A @ 250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 5 kV |
| Between All Terminals and DIN Rail: | | 5 kV |
| Between Adjacent Terminals: | | 3 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 1.2 |
| | Lb-in. | 10.6 |
| Weight | g | 38 |
| | oz | 1.3 |

**ROHS COMPLIANCE**
For documentation by product, refer to c3controls.com.

**FOR USE WITH:**
RELAY: 200-GP2C06** & 200-GP2X06**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 6 for codes.

DISCOUNT SCHEDULE G

# 8 & 14 BLADE OPEN & BOX TYPE SOCKETS

NEW

## 8 BLADE SOCKETS FOR SQUARE BASE 2 POLE RELAYS, 10A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 200-SB0810O | 8 Blade 10 Amp Screw Clamp Terminals (Guarded) | $ 6.00 |
| 200-SB0810B | 8 Blade 10 Amp Box Terminal* | $ 6.00 |

*NOTE: Not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 12A @ 250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 2.5 kV |
| Between All Terminals and DIN Rail: | | 2.5 kV |
| Between Adjacent Terminals: | | 2.5 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 1.2 |
| | Lb-in. | 10.6 |
| Weight | g | 61 |
| | oz | 2.2 |

**ROHS COMPLIANCE**

For documentation by product, refer to c3controls.com.

**FOR USE WITH:**

RELAY: 200-GP2X10**, 200-GP2C10** & 200-GP2XY10**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 6 for codes.

## 14 BLADE SOCKETS FOR SQUARE BASE 4 POLE RELAYS, 6A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 200-SB1406O | 14 Blade 6 Amp Screw Clamp Terminals (Guarded) | $ 9.00 |
| 200-SB1406B | 14 Blade 6 Amp Box Terminal* | $ 9.00 |

*NOTE: Not available for same-day shipping. Please contact our Customer First Team for lead times and minimum order quantities

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 7A @ 250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 2.5 kV |
| Between All Terminals and DIN Rail: | | 2.5 kV |
| Between Adjacent Terminals: | | 2.5 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 1.2 |
| | Lb-in. | 10.6 |
| Weight | g | 54 |
| | oz | 1.9 |

**ROHS COMPLIANCE**

For documentation by product, refer to c3controls.com.

**FOR USE WITH:**

RELAY: 200-GP4C06**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 8 for codes.

DISCOUNT SCHEDULE G

# 8 & 11 PIN BOX TYPE SOCKETS

NEW

## 8 PIN SOCKET FOR OCTAL BASE 2 POLE RELAYS, 10A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 210-SP0810B | 8 Pin 10 Amp Box Terminal | $ 6.00 |

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 10A @ 250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 2.5 kV |
| Between All Terminals and DIN Rail: | | 2.5 kV |
| Between Adjacent Terminals: | | 2.5 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 0.5 |
| | Lb-in. | 4.4 |
| Weight | g | 47 |
| | oz | 1.7 |

**ROHS COMPLIANCE**

For documentation by product, refer to c3controls.com.

**FOR USE WITH:**

RELAY: 210-GP2X10**, 210-GP2C10**, 210-GP2XY10** & 210-GP2XD10**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 10 for codes.

## 11 PIN SOCKET FOR OCTAL BASE 3 POLE RELAYS, 10A

| CODE | DESCRIPTION | LIST |
|---|---|---|
| 210-SP1110B | 11 Pin 10 Amp Box Terminal | $ 6.00 |

| SPECIFICATIONS: | | |
|---|---|---|
| Nominal Load: | | 10A @ 250 V |
| Insulation: | | Di-electric strength, 1 minute |
| Between Contact and Coil: | | 2.5 kV |
| Between All Terminals and DIN Rail: | | 2.5 kV |
| Between Adjacent Terminals: | | 2.5 kV |
| **CONSTRUCTION** | | |
| Terminal Capacity | | |
| UL/CSA | AWG | 22-14 |
| Solid/Multi-strand | $mm^2$ | 1 x 4 ~ 2 x 2.25 |
| Terminal Torque | Nm | 0.5 |
| | Lb-in. | 4.4 |
| Weight | g | 47 |
| | oz | 1.7 |

**ROHS COMPLIANCE**

For documentation by product, refer to c3controls.com.

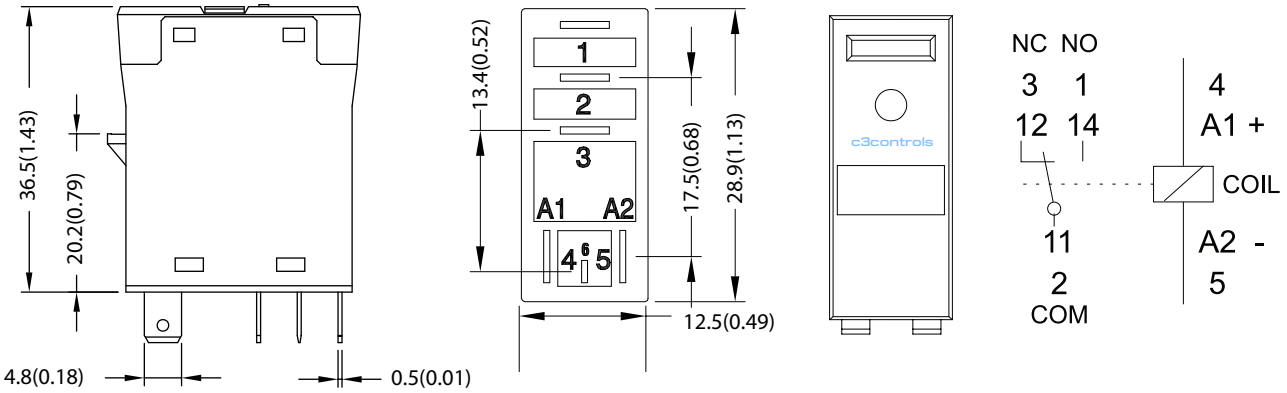
**FOR USE WITH:**

RELAY: 210-GP3X10** & 210-GP3C10**

NOTE: **Represents the Options and Coil Voltage Codes. Refer to page 12 for codes.

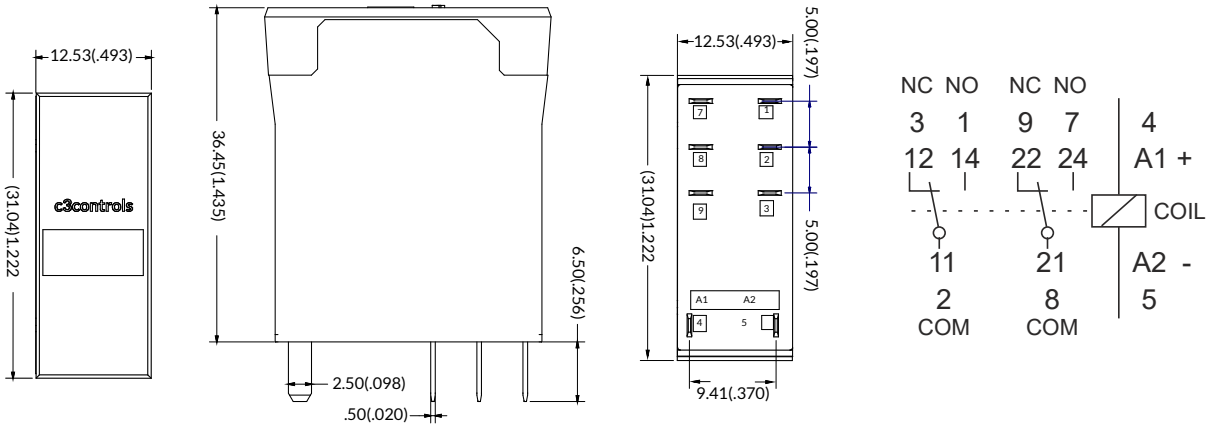
DISCOUNT SCHEDULE G

## SQUARE BASE W/BLADE TERMINALS - 1 POLE (200-GP1C10** & 200-GP1X10**)



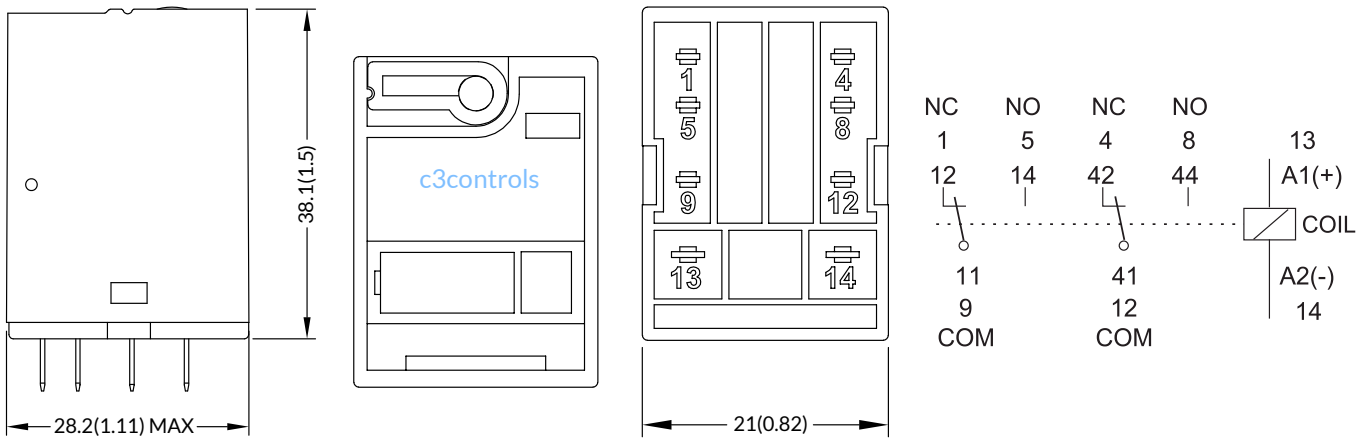

SPST / SPDT

## SQUARE BASE W/BLADE TERMINALS - 2 POLES (200-GP2C06** & 200-GP2X06**)



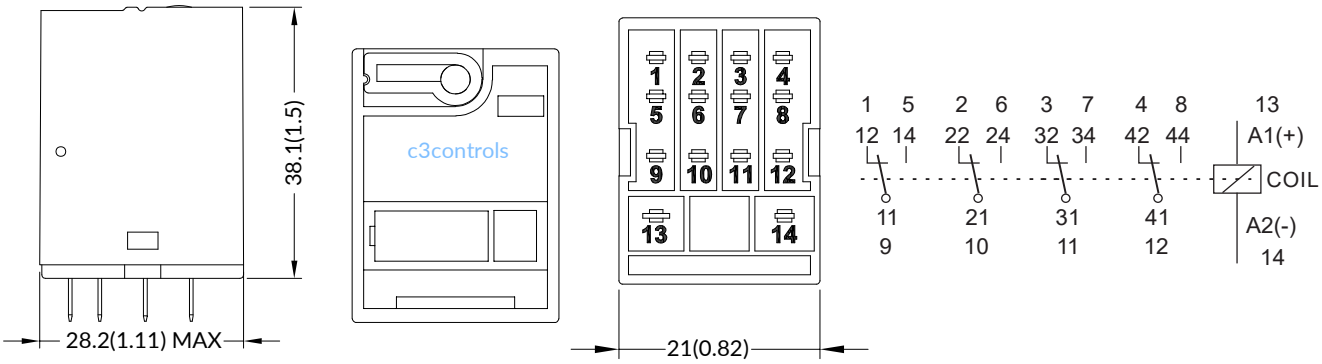

DPST / DPDT

## SQUARE BASE W/BLADE TERMINALS - 2 POLES (200-GP2C10**, 200-GP2X10** & 200-GP2XY10**)



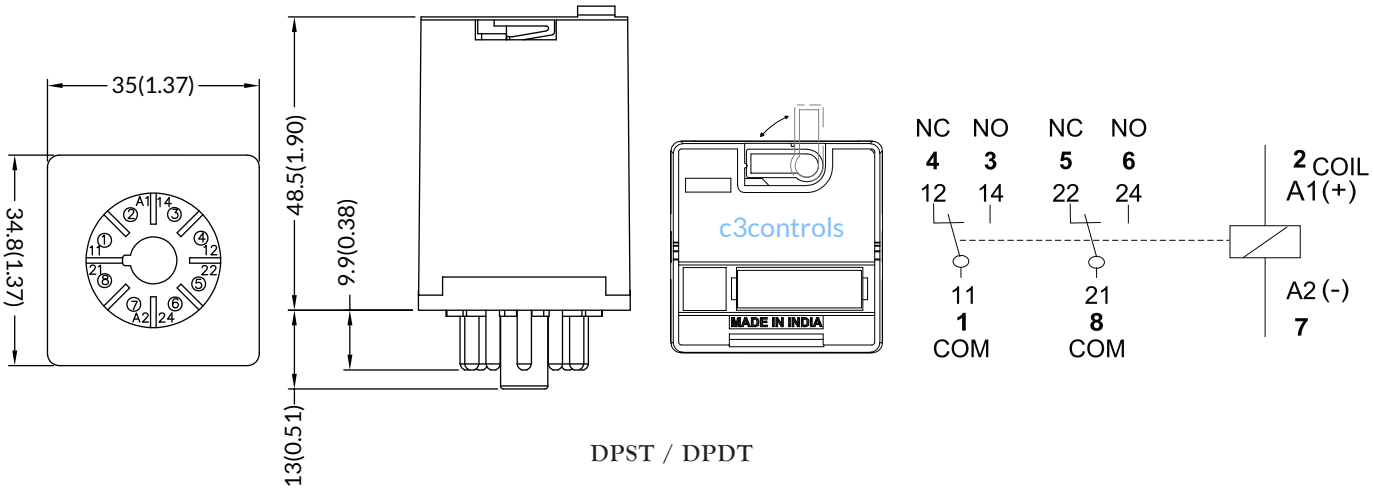

DPST / DPDT

## SQUARE BASE W/BLADE TERMINALS - 4 POLES (200-GP4C06**)



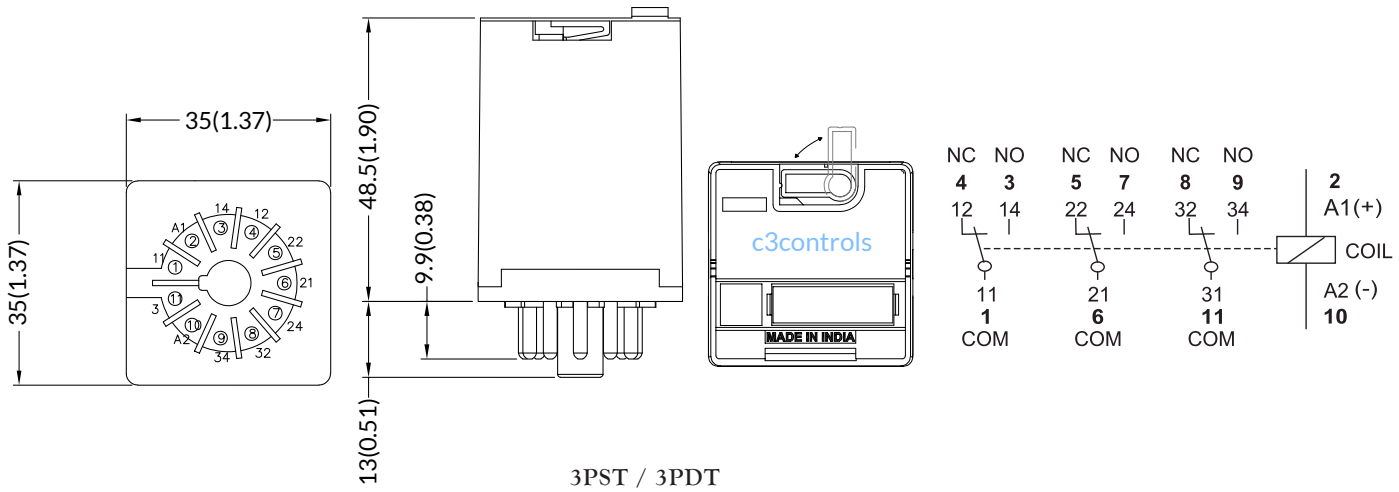

4PDT

## OCTAL BASE W/PIN TERMINALS - 2 POLES (210-GP2C10**, 210-GP2X10**, 210-GP2XY10** & 210-GP2XD10**)



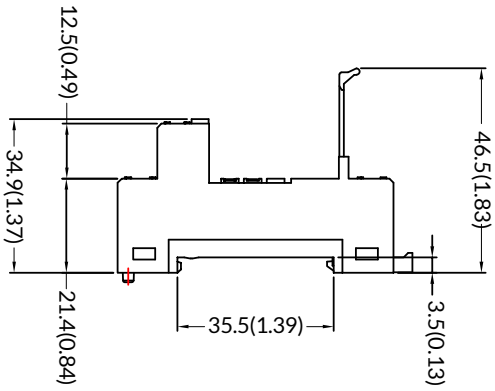

DPST / DPDT

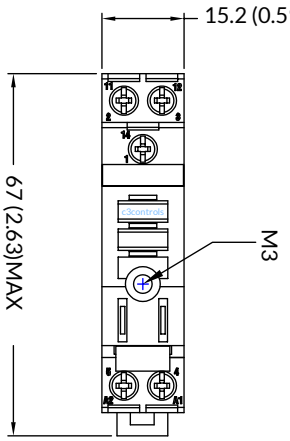
## OCTAL BASE W/PIN TERMINALS - 3 POLES (210-GP3C10** & 210-GP3X10**)



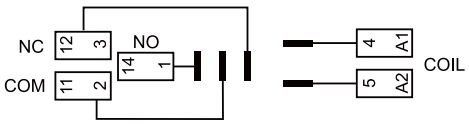

3PST / 3PDT

## 5 BLADE SOCKETS FOR SQUARE BASE RELAYS, 10A (200-SB05100 & 200-SB0510B)

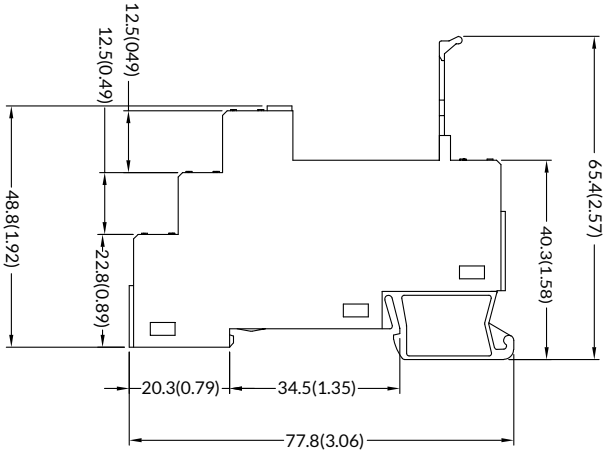


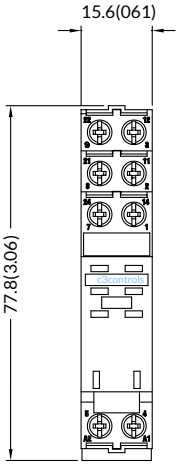




WIRING DIAGRAM

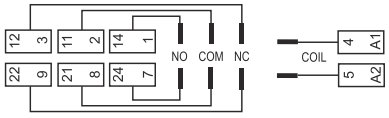



## 8 BLADE SOCKETS FOR SQUARE BASE RELAYS, 6A (200-SB08060 & 200-SB0806B)

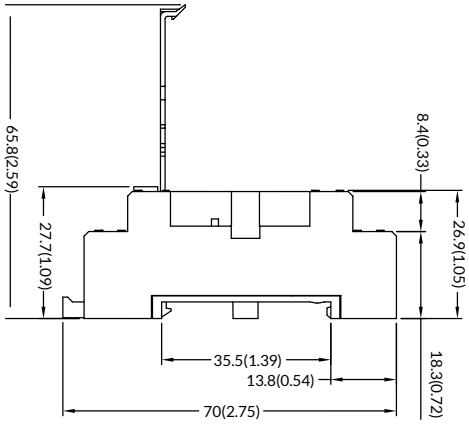


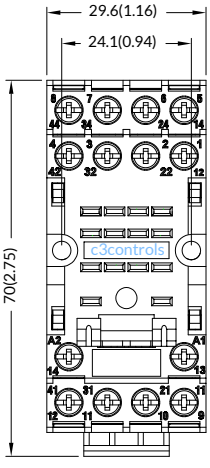




WIRING DIAGRAM

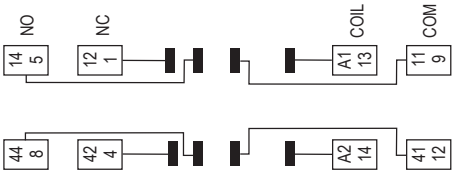



## 8 BLADE SOCKETS FOR SQUARE BASE RELAYS, 10A (200-SB08100 & 200-SB0810B)

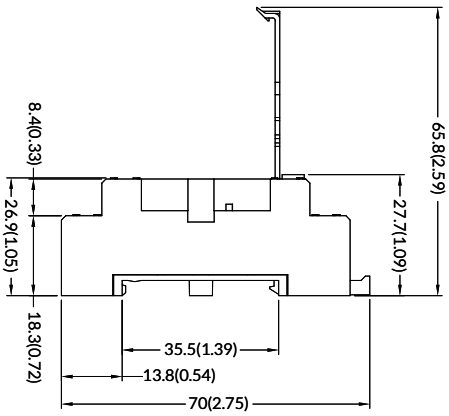


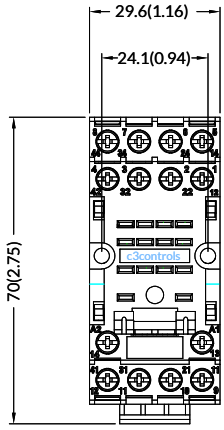




WIRING DIAGRAM

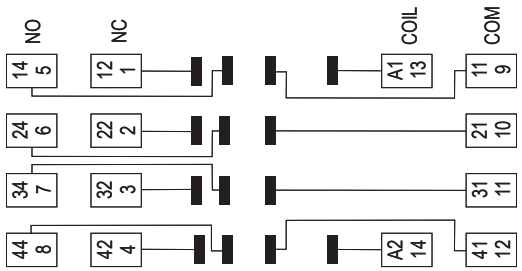


## 14 BLADE SOCKETS FOR SQUARE BASE RELAYS, 6A (200-SB1406O & 200-SB1406B)

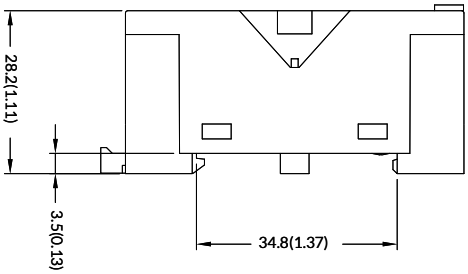


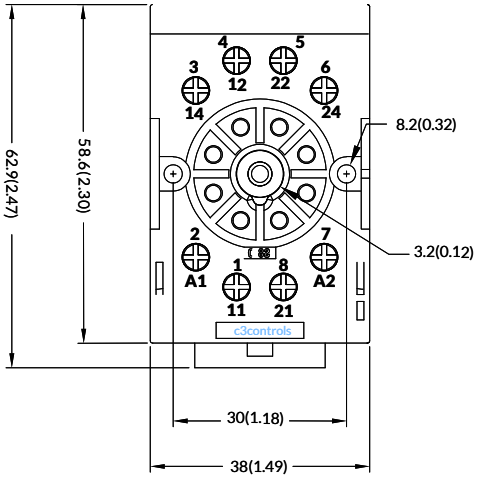




WIRING DIAGRAM

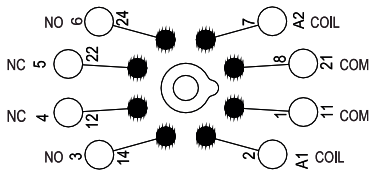



## 8 PIN SOCKET FOR OCTAL BASE RELAYS, 10A (210-SP0810B)

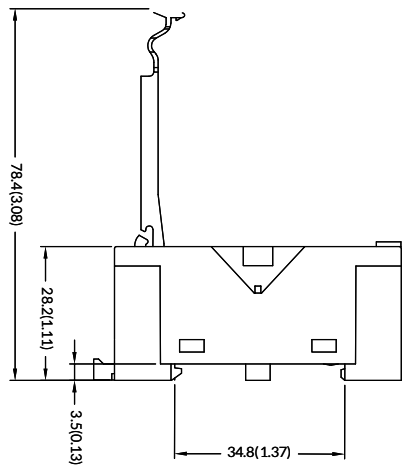


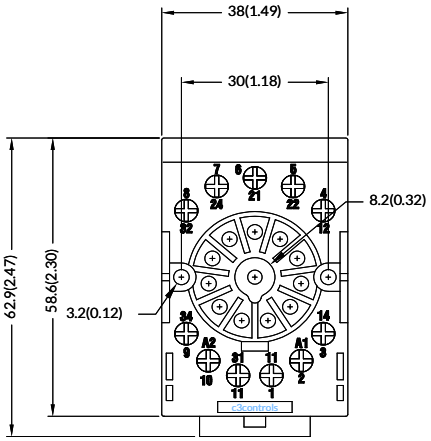




WIRING DIAGRAM




## 11 PIN SOCKET FOR OCTAL BASE RELAYS, 10A (210-SP1110B)




WIRING DIAGRAM