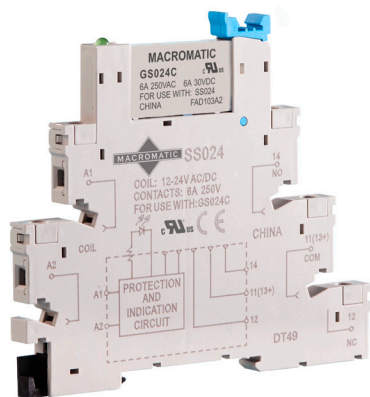


# GENERAL PURPOSE SLIM RELAYS

## GS SERIES



- ◆ Compact size (6 mm)
- ◆ 1 Form C contact
- ◆ Secure relay/socket retention with easy ejection
- ◆ High capacity 6 Amp rated
- ◆ Finger safe protection
- ◆ LED indication
- ◆ 10,000,000 mechanical operations
- ◆ RoHS compliant
- ◆ UL/cUL, CE approval

**UL**  
File Relay: #E236146  
Socket: #E169693

**CE**

**MACROMATIC**

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**800.238.7474**

**WWW.MACROMATIC.COM**

**SALES@MACROMATIC.COM**

Macromatic GS Series General Purpose Relays are designed for high density applications while still providing reliability and durability.

These slim relays (6 mm wide installed on socket) have contacts rated at 6 Amp 250V AC/ 30V DC. They are rated for 10,000,000 mechanical operations.

The GS Series relays carry UL/cUL Safety Approvals and are RoHS compliant.

Relay and socket installation provides finger protection, indication of power status and 1 Form C contact and is available in common control voltages.

### TYPICAL MODEL CODE

#### BASE PART NUMBER

Series	Control Voltage	Output Contacts
GSC Slim DIN Rail	024 24V AC/DC 120 120V AC/DC	C 1 Form C

OUTPUT CONTACTS	CONTACT RATING	CONTROL VOLTAGE	CATALOG NUMBER	WIRING/SOCKET
1 FORM C	6 Amp	24V AC/DC	GSC024C ■	<p>Socket SS024 ■ Socket SS120 ■</p> <p>Bottom View DIAGRAM 817</p>
	6 Amp	120V AC/DC	GSC120C ■	

- GSC024C is comprised of GS024C relay and SS024 socket. GSC120C is comprised of GS060C relay and SS120 socket. These relays and sockets are assembled as one unit and must be used together.

# GENERAL PURPOSE SLIM RELAYS

## GS SERIES

### APPLICATION DATA

**Load (Burden):** Maximum 250 mW

**Voltage Tolerance:**  $\pm 10\%$  nominal coil voltage

**Output Contacts:**

Arrangement 1C: 6A 250V AC/30V DC, 1500 VA/180 W

**Wire Size:** (1) 16-20 AWG, solid or stranded

**Terminal Tightening:** Recommended torque, 4.43 in-lb

**Life:**

10,000,000 mechanical operations

30,000 electrical operations

**Temperature:**

24V AC/DC:  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $158^{\circ}\text{F}$ )

120V AC/DC:  $-40^{\circ}\text{C}$  to  $55^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $131^{\circ}\text{F}$ )

**Unit Weight:** Approximately 0.07 lb (32 g) relay + socket

**Safety Approvals:** UL/cUL, CE, RoHS compliant



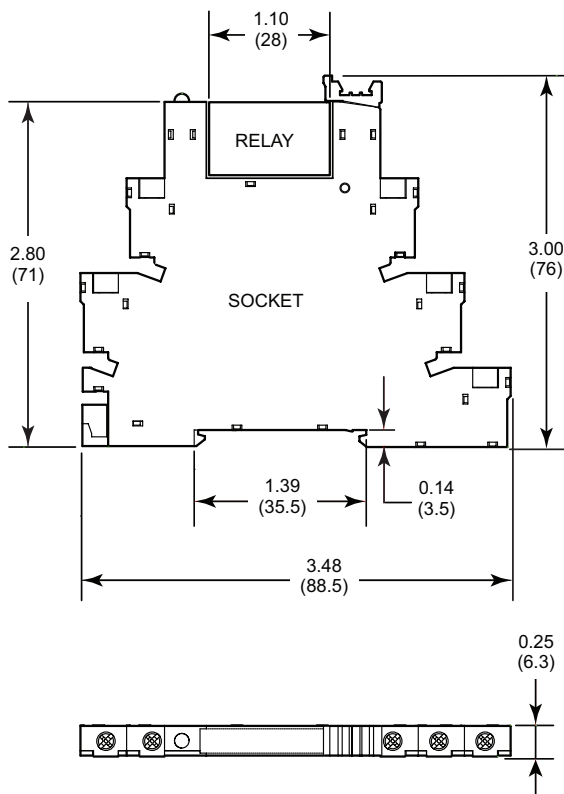
GSC120C units (comprised of GS060C relays and SS120 sockets) mounted on DIN-rail



File Relay: #E236146  
Socket: #E169693



### DIMENSIONS



Dimensions in Inches (Millimeters)