ROTARY SELECTOR SWITCHES 2 & 3 POSITION

GZ 2 POSITION SELECTOR SWITCH MAINTAINED CONTACT

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>CONTACT ARRANGEMENT</th>
<th>CONTACTS POSITIONS</th>
<th>TYPE OF OPERATION</th>
<th>SHORT</th>
<th>LONG</th>
<th>EXTENDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>GZ25-2A3</td>
<td>XCSNP</td>
<td>LEFT</td>
<td>CENTER</td>
<td>RIGHT</td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
</tr>
<tr>
<td>GZ5-2A3</td>
<td>XCSNP</td>
<td>LEFT</td>
<td>CENTER</td>
<td>RIGHT</td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
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GZ 3 POSITION SELECTOR SWITCH MAINTAINED CONTACT

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<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
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Contact Factory for Keyed and Spring Returned options

Selector switches supplied with legend plates: OFF-ON for 2 Position, HAND-OFF-AUTO for 3 Positions. Legend plates for Push Buttons can be purchased separately.

Legend Plates for Push Buttons can be purchased separately.

Selector Switches supplied with legend plates: OFF-ON for 2 Position, HAND-OFF-AUTO for 3 Positions. Legend plates for Push Buttons can be purchased separately.

Legend Plates for Push Buttons can be purchased separately.
MAINTAINED MUSHROOM HEAD PUSH BUTTONS

- Stainless steel lockouts allow button to be locked out in either position.
- Illuminated

GZPBMMRHLO

Pilot Light

-50°C [-58°F] to +60°C [140°F]

Ambient Operating Temperature:

- Potentiometers
- Buttons, Mushroom Head Push Buttons, Rotary Selector Switches,
- Momentary Push Buttons, LED Pilot Lights, Illuminated Push

Operator Offerings:

- bushing lengths .98” [25mm], 1.57” [40mm], 2.24” [57mm]
- thread as standard and M22 x 1.5 Metric upon request.
- Available in 100% gauged and inspected aluminum bushings for 3/4 - 14 NPSM

Features

- Dampens conductive electrostatic discharge (ESD) on metal closures to prevent arcs in hazardous locations when installed in suitable enclosures meeting the Area Classification requirements.

Applications

GZ Series Control Panel Operators are designed for use in hazardous locations as a modular or suitable enclosure meeting the Area Classification requirements.

GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – TWIST RELEASE

- Push Button
- LED
- Covered Lockout

CABLE NUMBER
- SHORT LENGTH
- LONG LENGTH
- ACCESSORY

- terminals .093” [2.4mm]
- terminals .156” [4.0mm]
- terminals .215” [5.5mm]

- terminals .093” [2.4mm]
- terminals .156” [4.0mm]
- terminals .215” [5.5mm]

- terminals .093” [2.4mm]
- terminals .156” [4.0mm]
- terminals .215” [5.5mm]

RETURN TYPES

ACCESSORY

- Momentary Push Button Accessories
- Maintained Push Button Accessories
- Push Button Accessories
- Maintained Push Button Accessories
- Maintained Push Button Accessories
- Maintained Push Button Accessories
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- Maintained Push Button Accessories
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- Maintained Push Button Accessories
MAINTAINED MUSHROOM HEAD PUSH BUTTONS

- Pilot Light

+ Stainless steel lockouts allow button to be locked out in either position.

- Ambient Operating Temperature:
  - -50°C [-58°F] to +60°C [140°F]

- Features:
  - Resistive loads
    - T<1ms
    - 20A
    - 12A
    - 4.5A
    - 1A

- Inductive loads
  - 50ms
  - 12A
  - 2A
  - 1A
  - 0.4A

- AC-22A
- AC-23
- AC-15
- AC-3

- Rated Voltage
  - 10A
  - 500V
  - 380V
  - 220V
  - 110V
  - 60V
  - 24V

- Breaking Capacity
  - For DC
    - 48V
    - 7.5kW
    - 3.0kW
    - 20A
    - 220-240V
    - 5.5kW
  - For AC
    - 23
    - 60V
    - 3.7kW
    - 23
    - 240V
    - 3.0kW
    - 23
    - 220V

- Type
  - II 2D Ex tb IIIC Db
  - II 2G Ex db IIC Gb

- IECEx/ATEX Ratings:
  - Type 4X
  - Class III
  - Class II, Div. 1, Groups E, F, G
  - Class I, Div. 1, Groups B, C, D

- North American Standards:
  - 0.55A
  - 0.27A
  - 1.10A

- Celsius
  - 0.94" [25mm]
  - 1.57" [40mm]
  - 2.24" [57mm]

- CE marking:
  - 0.94" [25mm]
  - 1.57" [40mm]
  - 2.24" [57mm]

- GZ Series Control Panel Operators are designed for use in Hazardous locations when installed in suitable enclosures meeting the Area Classification requirements.

<table>
<thead>
<tr>
<th>Push Button</th>
<th>Pilot Light</th>
<th>Illuminated Push Bushing Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>.98&quot; [25mm]</td>
<td>.98&quot; [25mm]</td>
<td>.98&quot; [25mm]</td>
</tr>
<tr>
<td>1.57&quot; [40mm]</td>
<td>1.57&quot; [40mm]</td>
<td>1.57&quot; [40mm]</td>
</tr>
<tr>
<td>2.24&quot; [57mm]</td>
<td>2.24&quot; [57mm]</td>
<td>2.24&quot; [57mm]</td>
</tr>
</tbody>
</table>

- 100% gauged and inspected aluminum bushings for 3/4 - 14 NPSM
- Available in 100% gauged and inspected aluminum bushings for 3/4 - 14 NPSM

- Resistive loads
  - T<1ms
  - 20A
  - 12A
  - 4.5A
  - 1A

- Inductive loads
  - 50ms
  - 12A
  - 2A
  - 1A
  - 0.4A

- AC-22A
- AC-23
- AC-15
- AC-3

- Rated Voltage
  - 10A
  - 500V
  - 380V
  - 220V
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  - For DC
    - 48V
    - 7.5kW
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- Type
  - II 2D Ex tb IIIC Db
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  - Class I, Div. 1, Groups B, C, D

- North American Standards:
  - 0.55A
  - 0.27A
  - 1.10A

- Celsius
  - 0.94" [25mm]
  - 1.57" [40mm]
  - 2.24" [57mm]
**GZ SERIES CUSTOM CONTROL PANEL OPERATORS**

**FEATURES & SPECIFICATIONS**

- Stainless steel lockouts allow button to be locked out in either position.
- Illuminated Pilot Light
- Ambient Operating Temperature: -50°C [-58°F] to +60°C [140°F]

**Applications**

- GZ Series Control Panel Operators are designed for use in hazardous locations when installed in suitable enclosures meeting the Area Classification requirements.

**Operator Offerings**

- Mushroom Head Push Buttons
- Momentary Push Buttons
- LED Pilot Lights
- Illuminated Push Buttons

**Buttons, Mushroom Head Push Buttons, Rotary Selector Switches, Momentary Push Buttons, LED Pilot Lights, Illuminated Push Buttons**

<table>
<thead>
<tr>
<th>Push Button</th>
<th>Electrical Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistive loads</td>
<td>T&lt;1ms 20A 12A 4.5A 1A</td>
</tr>
<tr>
<td>Inductive loads</td>
<td>50ms 12A 2A 1A 0.4A</td>
</tr>
</tbody>
</table>

**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – TWIST RELEASE**

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>LENGTH</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GZ21-R233</td>
<td>0.94&quot; (25MM) THD.</td>
<td>RED</td>
<td>120V AC/DC</td>
<td>4.5A</td>
</tr>
<tr>
<td>GZB4-R233</td>
<td>GREEN</td>
<td>24V AC/DC</td>
<td>10A</td>
<td></td>
</tr>
<tr>
<td>GZL4-R233</td>
<td>AMBER</td>
<td>60V AC/DC</td>
<td>5A</td>
<td></td>
</tr>
</tbody>
</table>

**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – PULL RELEASE**

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>LENGTH</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GZ23-R23</td>
<td>1.57&quot; (40MM) THD.</td>
<td>RED</td>
<td>120V AC/DC</td>
<td>4.5A</td>
</tr>
<tr>
<td>GZB3-R23</td>
<td>GREEN</td>
<td>24V AC/DC</td>
<td>10A</td>
<td></td>
</tr>
<tr>
<td>GZL3-R23</td>
<td>AMBER</td>
<td>60V AC/DC</td>
<td>5A</td>
<td></td>
</tr>
</tbody>
</table>

**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – KEY RELEASE**

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>LENGTH</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GZ24-R24</td>
<td>2.24&quot; (57MM) THD.</td>
<td>RED</td>
<td>120V AC/DC</td>
<td>4.5A</td>
</tr>
<tr>
<td>GZB4-R24</td>
<td>GREEN</td>
<td>24V AC/DC</td>
<td>10A</td>
<td></td>
</tr>
<tr>
<td>GZL4-R24</td>
<td>AMBER</td>
<td>60V AC/DC</td>
<td>5A</td>
<td></td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- Push Button
- Pull Release
- Maintained

**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – PULL RELEASE**

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<th>VOLTAGE</th>
<th>CURRENT</th>
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<tbody>
<tr>
<td>GZ21-RM3</td>
<td>RED</td>
<td>120V AC/DC</td>
<td>4.5A</td>
<td></td>
</tr>
<tr>
<td>GZ1-RM3</td>
<td>GREEN</td>
<td>24V AC/DC</td>
<td>10A</td>
<td></td>
</tr>
<tr>
<td>GZL1-RM3</td>
<td>AMBER</td>
<td>60V AC/DC</td>
<td>5A</td>
<td></td>
</tr>
</tbody>
</table>

**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – KEY RELEASE**

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**GZ SINGLE PUSH BUTTON (MAINTAINED CONTACT) MUSHROOM HEAD PUSH – TWIST RELEASE**

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**MAINTAINED MUSHROOM HEAD PUSH BUTTONS**

- Push Button
- Pilot Light
- Illuminated Push Button

**DIMENSIONS**

- Push Button: 0.94" [25MM], 1.57" [40MM], 2.24" [57MM]
- Thread as standard and M22 x 1.5 Metric upon request.
- Available in 100% gauged and inspected aluminum bushings for 3/4 - 14 NPSM.
ROTARY SELECTOR SWITCHES 2 & 3 POSITION

**GZ 2 POSITION SELECTOR SWITCH MAINTAINED CONTACT**

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<tr>
<td>GZ25-2A3</td>
<td>0.94&quot;</td>
<td>1.57&quot;</td>
<td>2.24&quot;</td>
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**GZ 3 POSITION SELECTOR SWITCH MAINTAINED CONTACT**

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<td>GZ25-3C3</td>
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Selector Switches supplied with legend plates: OFF-ON for 2-Position, HAND-OFF-AUTO for 3 Positions.
Legend Plates for Push Buttons can be purchased separately.

**Contact Factory for Keyed and Spring Returned options**

**CUSTOM LEGEND PLATES (MOUNTING SCREWS INCLUDED)**

- PB & PL LEGEND PLATES 2 POS. SEL. SWT.
- LEGEND PLATES 3 POS. SEL. SWT.
- XCSNP-ON
- XCSNP-ON-OFF
- XCSNP-HAND-OFF-AUT
- XCSNP-OFF
- XCSNP-OFF-ON
- XCSNP-AUT-OFF-HAND
- XCSNP-START
- XCSNP-OFF-REMOTE
- XCSNP-HAND-OFF-REM
- XCSNP-STOP
- XCSNP-START-STOP
- XCSNP-STP-RUN-STRT
- XCSNP-ESTOP
- XCSNP-UP-DOWN
- XCSNP-FWD-OFF-REV
- XCSNP-UP
- XCSNP-RAISE-LOWER
- XCSNP-REV-OFF-FWD
- XCSNP-DOWN
- XCSNP-HIGH-LOW
- XCSNP-RUN-OFF-JOG
- XCSNP-FAST
- XCSNP-SLOW-FAST
- XCSNP-JOG-OFF-RUN
- XCSNP-SLOW
- XCSNP-START-JOG
- XCSNP-SLOW-OFF-FST
- XCSNP-IN
- XCSNP-RUN-JOG
- XCSNP-LOW-OFF-HIGH
- XCSNP-OUT
- XCSNP-JOG-RUN
- XCSNP-RAS-OFF-LOWR
- XCSNP-RAISE
- XCSNP-FWD-REV
- XCSNP-LOCL-OFF-REM
- XCSNP-LOWER
- XCSNP-AUTO-HAND
- XCSNP-UP-OFF-DOWN
- XCSNP-LOW
- XCSNP-MANUAL-AUTO
- XCSNP-BLANK-3P*
- XCSNP-OPEN
- XCSNP-SLOW-FAST
- XCSNP-CLOSE
- XCSNP-OPEN-CLOSE
- XCSNP-FORWARD
- XCSNP-BLANK-2P*
- XCSNP-REVERSE
- XCSNP-READY
- XCSNP-RUN
- XCSNP-RESET
- XCSNP-JOG
- XCSNP-INCH
- XCSNP-TEST
- XCSNP-POWER-ON
- XCSNP-JOG-FORWARD
- XCSNP-JOG-REVERSE
- XCSNP-MOTOR-RUN
- XCSNP-MOTOR-STOP
- XCSNP-PUSH-TO-TEST
- XCSNP-BLANK*

* For special markings order blank legend plate and specify marking.

Selector Switches supplied with legend plates: OFF-ON for 2-Position, HAND-OFF-AUTO for 3 Positions.
Legend Plates for Push Buttons can be purchased separately.
### Rotary Selector Switches 2 & 3 Position

**GZ 2 Position Selector Switch Maintained Contact**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Contact Arrangement</th>
<th>Type of Operation</th>
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<th>Long Length</th>
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<tbody>
<tr>
<td>GZ25-2A3</td>
<td></td>
<td></td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
</tr>
<tr>
<td>GZ25-2A6</td>
<td></td>
<td></td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
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**GZ 3 Position Selector Switch Maintained Contact**

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<td>GZ25-3C8</td>
<td></td>
<td></td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
</tr>
</tbody>
</table>

### Legend Plates

**Custom Legend Plates (Mounting Screws Included)**

- **Legend Plates**
  - 3 POS. SEL. SWT.
  - XCSNP-ON XCSNP-ON-OFF XCSNP-HAND-OFF-AUTO
  - XCSNP-OFF XCSNP-OFF-ON XCSNP-AUT-OFF-HAND
  - XCSNP-START XCSNP-OFF-REMOTE XCSNP-HAND-OFF-REMOTE
  - XCSNP-STOP XCSNP-START-STOP XCSNP-STP-RUN-STRT
  - XCSNP-ESTOP XCSNP-UP-DOWN XCSNP-FWD-OFF-REV
  - XCSNP-UP XCSNP-RAISE-LOWER XCSNP-REV-OFF-FWD
  - XCSNP-DOWN XCSNP-HIGH-LOW XCSNP-RUN-OFF-JOG
  - XCSNP-FAST XCSNP-SLOW-FAST XCSNP-JOG-OFF-RUN
  - XCSNP-SLOW XCSNP-START-JOG XCSNP-SLOW-OFF-FST
  - XCSNP-IN XCSNP-RUN-JOG XCSNP-LOW-OFF-HIGH
  - XCSNP-OUT XCSNP-JOG-RUN XCSNP-RAS-OFF-LOWR
  - XCSNP-RAISE XCSNP-FWD-REV XCSNP-LOCL-OFF-REM
  - XCSNP-LOWER XCSNP-HAND-AUTO XCSNP-1-OFF-2
  - XCSNP-HIGH XCSNP-AUTO-HAND XCSNP-UP-OFF-DOWN
  - XCSNP-LOW XCSNP-MANUAL-AUTO XCSNP-BLANK-3P*
  - XCSNP-OPEN XCSNP-SLOW-FAST

**Legend Plates for Push Buttons can be purchased separately.**

**GZ 3 Position Selector Switch Maintained Contact**

<table>
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<tr>
<th>Catalog Number</th>
<th>Contact Arrangement</th>
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<th>Short Length</th>
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<tbody>
<tr>
<td>GZ25-3G3</td>
<td></td>
<td></td>
<td>0.94&quot; [25MM]</td>
<td>1.57&quot; [40MM]</td>
</tr>
</tbody>
</table>

Contact Factory for Keyed and Spring Returned options.

**Drilling Instructions**

Drilling instructions for holes in mounting holes should be based on local codes and practices. Cutting screws are furnished with the selector switches for field mounting. For details, see the diagram.