



GT06 Series
Dustproof Keyboard Switch Series



GT07 Series
Keyboard Switch Series

| Item | GT06 | Features | Item | GT07 | Features |
|---------------------|---|----------|---------------------|---|----------|
| Feature | <ul style="list-style-type: none"> Choice of feel: linear, soft tactile, click tactile Long life of 100 million operation cycles With light guide ensuring illumination soft and not dazzling Touch contact structure | | Feature | <ul style="list-style-type: none"> Long life and high reliability Designed for dustproof Touch contact structure | |
| Rating and E-Life | 10mA~10mA 2VDC~12VDC 1E8 | | Rating and E-Life | 10mA~10mA 2VDC~12VDC 1E7 | |
| Working Temperature | -40°C~+80°C | | Working Temperature | -40°C~+80°C | |
| Ref. Dimension(mm) | 15.6*13.95*15.2 | | Ref. Dimension(mm) | 15.6*13.95*15.2 | |



G5D Series
Door Switch

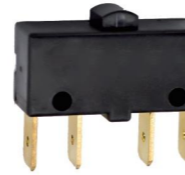


GT01 Series
Detector Switch Series

| Item | G5D | Features | Item | GT01 | Features |
|---------------------|--|----------|---------------------|--|----------|
| Feature | <ul style="list-style-type: none"> Multi-mounting methods Available assembled with variety of micro switches Could withstand the shock of high force Instantaneous contact structure | | Feature | <ul style="list-style-type: none"> Small size, light weight and high precision Long life and low operating force Mute structure with sliding contacts | |
| Rating and E-Life | 0.1A 5/2.5/1A 125/250VAC 5E4 10/3A 16/13/1A 250VAC 5E4 22/8/1A 250VAC 1E4 26/10/1A 250VAC 25E3 0.1A 48VDC 0.5A 125VDC 0.25A 250VDC 1A 30VDC | | Rating and E-Life | 0.1A 12VDC 50μA 3VDC 1E4 | |
| Working Temperature | -25°C~+85°C -25°C~+125°C -25°C~+150°C | | Working Temperature | -25°C~+80°C | |
| Ref. Dimension(mm) | 53.75*46.15*12.9 55.2*59.9*15.67 | | Ref. Dimension(mm) | 12.50*5.0*11.50 | |



G606 Series
DPDT Micro Switch Series



G21 Series
DPDT Micro Switch Series

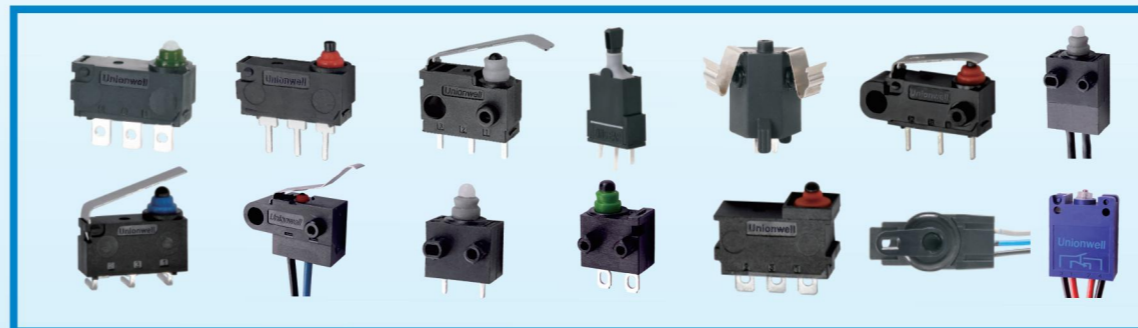
| Item | G606 | Features | Item | G21 | Features |
|-----------------------------|--|----------|---------------------|--|----------|
| Feature | <ul style="list-style-type: none"> DPDT Long life and high reliability Widely used in Industry Control, etc. Instantaneous contact structure | | Feature | <ul style="list-style-type: none"> DPDT Long life and high reliability Widely used in Industry Control, etc. Instantaneous contact structure | |
| Rating and Certified E-Life | 125/250VAC 0.5A 6A, 125/250VDC 0.5A 5E4 | | Rating and E-Life | DC14: 12VDC 6A; 24VDC 2A 55VDC 0.6A | |
| Working Temperature | -40°C~+125°C | | Working Temperature | -30°C~+65°C | |
| Ref. Dimension(mm) | 20.4*6.4*10 | | Ref. Dimension(mm) | 30*11*13.6 | |
| Safety Approvals | UL, CUL | | | | |



(2022-2023)

Huizhou **Unionwell** Sensing & Control Electronics Co., Ltd
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Waterproof Switch Series



Other Switch Series



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Unionwell (2022-2023)

YOUR MICRO SWITCH EXPERT!

Main Products

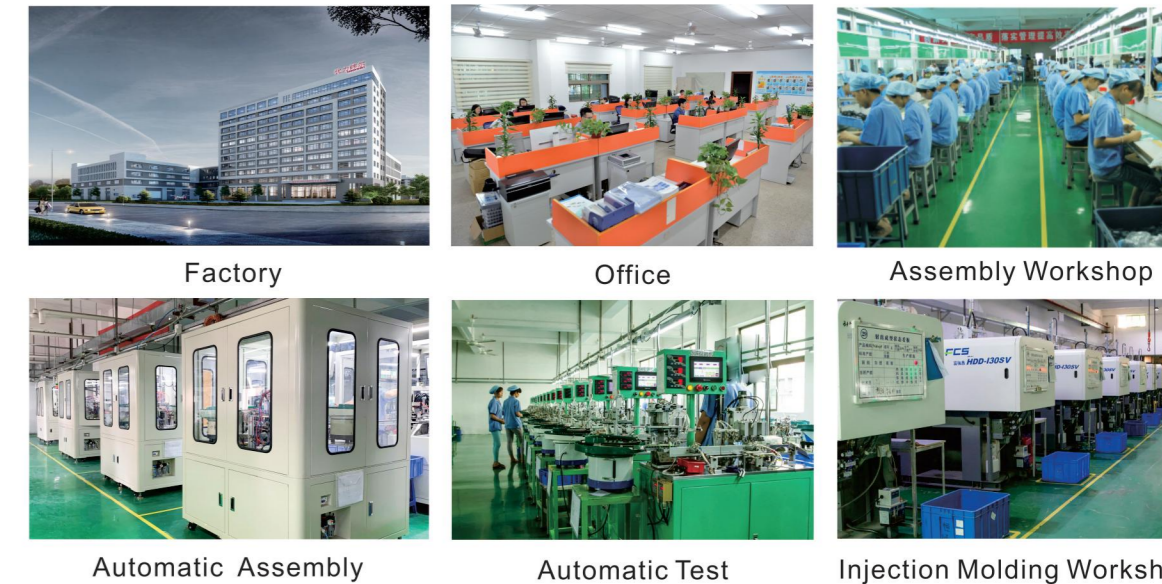


SWITCH SUPPLIER OF SEVERAL TOP 500 WORLDWIDE ENTERPRISES
Huizhou Unionwell Sensing & Control Electronics Co., Ltd



Profile: Unionwell is a multiple corporation with headquarter Huizhou Unionwell, production base Huizhou Greotech, sales branches Guangzhou Unionwell and Chongqing Unionwell. Together with numerous business partners, we have built up a global network delivering quality micro switches to end users in automotive, home appliances, new energy, industrial control, gaming control and any other potential industries. Unionwell and Zing Ear are the two main brands in our promotion plan, which enjoy great popularity in all customers.

Unionwell Overview



Certificates





>>> Feature

| | |
|-------------------|--|
| G303 (A shape) | Small compact size, high reliability Instantaneous contact structure |
| G303R (A shape) | Small plunger, lever needed if oblique push applied Instantaneous contact structure |
| G303 (A1 shape) | Various sizes of mounting posts available Instantaneous contact structure |
| G303 (A2 shape) | Full range of PCB terminals and solder terminals, components with wires available Instantaneous contact structure |
| G303 (B shape) | Oblique push could be applied with no lever design Instantaneous contact structure |
| G303 (M3 shape) | Equipped with various forms of operating handles Instantaneous contact structure |
| G303 (C1 shape) | Small compact size, long life, high reliability Instantaneous contact structure |
| G303 (D1 shape) | With multiple sizes of mounting posts Instantaneous contact structure |
| G303A | There are a full range of PCB terminals, solder terminals, etc. to produce wire components Instantaneous contact structure |
| G303 (C1M3 shape) | M3 type mounting hole Instantaneous contact structure |
| G303B | Various sizes of mounting posts available Instantaneous contact structure |
| G305 | Only available with side outlet assembly Instantaneous contact structure |
| G304A | Various sizes of mounting posts available Mute structure with sliding contacts |
| G304B | There are a full range of PCB terminals solder terminals, etc. Provide various sizes of mounting posts Mute structure with sliding contacts |
| G304D | Subminiature clip type sliding switch Mute structure with sliding contacts |
| G304E | Mute structure with sliding contacts |
| G304F | Subminiature switch with mute structure of sliding clip contacts Mute structure with sliding contacts |
| G306 | Optional variety of PCB terminals and solder terminals components with wires available Mute structure with sliding contacts |
| G307 | IP67 Design Variety of levers and pin posts. Mute structure with sliding contacts |

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|---|--|
| G304 Series Waterproof Switch Series | |
| G304G Series G304F Series | |
| Item >>> | G304 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design, slide switch Long life and high reliability Several shapes with kinds of terminals and pin posts, or levers (for G304_F type) |
| Rating and E-Life | 12VDC 0.1A; 3VDC 50μA; 3E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 13.3*5.3*6.9 or 8.3*5.3*6.9 |
| G306 Series Waterproof Switch Series | |
| G306 | |
| Item >>> | G306 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design With long travel, can work excellently even Mute structure with sliding contacts |
| Rating and E-Life | 0.1A 30VDC 10mA 14VDC |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 13.3*5.3*9.3 |
| There are a full range of PCB terminals solder terminals, etc. Provide various sizes of mounting posts Touch contact structure | |
| G309 | UL, ENEC, CQC and ATEX certified With various terminals like PCB or solder etc. Instantaneous contact structure |
| G9 | UL, ENEC, CQC certified TT: 4.0mm QT: 2.2mm Instantaneous contact structure |
| G9A | UL, ENEC, CQC certified TT: 4.0mm QT: 2.2mm Instantaneous contact structure |
| G10B | Short travel, most equipped with levers of multiple options Instantaneous contact structure |
| G10B | Small compact size, long life and high reliability, plentiful choices of levers Instantaneous contact structure |
| G10B-A001 | Compact size, long life and high reliability, small plunger, lever needed if oblique push applied. Instantaneous contact structure |
| G5W11 | Long life, high precision and sensitivity, optional current loads of 0.1A, 5A and 10A Instantaneous contact structure |

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|---|--|
| G304D Series Clip type sliding Switch | |
| Item >>> | G304D Features |
| Feature | <ul style="list-style-type: none"> IP67 Design, slide switch Several shapes with kinds of terminals and pin posts, or levers Mute structure with sliding contacts |
| Rating and E-Life | 0.1A 12VDC 50μA 5VDC 3E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 8.3*5.3*7.45 |
| G307 Series DPDT Waterproof Switch Series | |
| G307 | |
| Item >>> | G307 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design Variety of levers and pin posts. Mute structure with sliding contacts |
| Rating and E-Life | 0.1A 12VDC 50μA 5VDC 3E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 15.4*7.5*8.4 |

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|---|--|
| G304E Series Clip type sliding Switch | |
| Item >>> | G304E Features |
| Feature | <ul style="list-style-type: none"> IP67 Design, slide switch Long life and high reliability Several shapes with kinds of terminals and pin posts. Mute structure with sliding contacts |
| Rating and E-Life | 0.1A 12VDC 50μA 5VDC 3E5 |
| Working Temperature | -25°C~+85°C |
| Ref. Dimension(mm) | 8.3*5.3*6.5 |
| G309 Series Touch Switch | |
| G309 | |
| Item >>> | G309 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design, slide switch Long life and high reliability Several shapes with kinds of terminals and pin posts. Touch contact structure |
| Rating and Certificated E-Life | 0.1A 12VDC 50μA 5VDC 3E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 8.3*5.3*6.9 |

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|---|---|
| G11 Series Waterproof Switch Series | |
| G11 | |
| Item >>> | G11 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design DPDT, Long life and high reliability Variety of levers and wire connecting way Instantaneous contact structure |
| Rating and Certificated E-Life | 0.5A 5A 250VAC, 0.5A, 5E4 250VDC |
| Working Temperature | -25°C~+85°C |
| Ref. Dimension(mm) | 25.5*12.5*32.2/25.5*19.5*32.2 |
| G16 Series Swing Type Waterproof Switch | |
| G16 | |
| Item >>> | G16 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design Long life and high reliability Bidirectional Conduction Design Mute structure with sliding contacts |
| Rating and E-Life | 12VDC 100mA 1E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 13.2*25.5*5.5 |

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|--|---|
| G1/G17 Series Waterproof Switch Series | |
| G1 Series G17 Series | |
| Item >>> | G1/G17 Features |
| Feature | <ul style="list-style-type: none"> IP67 design Long life and high reliability PCB terminals, options with different levers Safe operation design-double circuits only close when both levers are actuated. Instantaneous contact structure |
| Rating and E-Life | 20μA~20mA 12VDC 1E5 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | G1(6.50*6.00*8.5) G17(11.1*7.2*13.1) |

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|--|--|
| G10B-A001 Series M4 Mounting Sealed Micro Switch | |
| G10B-A001 | |
| Item >>> | G10B-A001 Features |
| Feature | <ul style="list-style-type: none"> Designed For Water and Dust Tight(IP67) Small Compact Size Long Life and High Reliability Instantaneous contact structure |
| Rating and Certificated E-Life | 1A 30VDC 3E4 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 23.5*8*13.5 |

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|--|---|
| G10B Series Subminiature Micro Switch | |
| G10B Series | |
| Item >>> | G10B Features |
| Feature | <ul style="list-style-type: none"> Small Compact Size, Tight structure Long Life, High Reliability Variety of Levers Optional Instantaneous contact structure |
| Rating and Certificated E-Life | 0.1A 125/250VAC 30VDC 1E4 3A 125/250VAC 30VDC 1E4 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 12.8*6.0*6.5/15.9*6*10.5 |
| Safety Approvals | UL, CUL |
| G9A/B Series 3.5mm Travel Micro Switch | |
| G9A Series G9B Series | |
| Item >>> | G9A/B Features |
| Feature | <ul style="list-style-type: none"> Dust and Water Proof(IP67)Design Small Compact Size, Tight Configuration Global Safety Approvals Variety of Terminals Instantaneous contact structure |
| Rating and Certificated E-Life | 0.1A 125/250VAC 0.1A 30VDC 5E4 5(2)A 250VAC 5A 30VDC 5E4 |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 20*6.4*9.3/20*6.4*15.7 |
| Safety Approvals | UL, CUL |

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| G9 Series Waterproof Switch Series | |
| G9 Series | |
| Item >>> | G9 Features |
| Feature | <ul style="list-style-type: none"> IP67 Design Long life and high reliability Variety of levers, terminals and wire connecting way Instantaneous contact structure |
| Rating and Certificated E-Life | 125/250VAC 0.1A 5E4, 3A 5E4, 6A 1E4 48VDC 0.1A 30VDC, 3A |
| Working Temperature | -40°C~+120°C |
| Ref. Dimension(mm) | 19.9*6.4*10.1 or 19.9*6.4*16.2 |
| Safety Approvals | ENEC, UL, CUL, CQC |

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|---|---|
| SWD Series Sealed Explosion Proof Door Switch | |
| SWD Series | |
| Item >>> | SWD Features |
| Feature | <ul style="list-style-type: none"> Fully sealed type, ATEX explosion-proof certification There are two options: high current switch for controlling lamp load and micro current switch for controlling signal load Touch contact structure |
| Rating and E-Life | 2.5A 125/250VAC 25T85μ 5E4 6A 125/250VAC 25T85μ 1E4 0.1A 125/250VAC 0.1A 30VDC 25T85μ 5E4 |
| Working Temperature | -25°C~+85°C |
| Ref. Dimension(mm) | 29.7*25.2*24.4 |

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|---|---|
| G6 Series Basic Micro Switch Series | |
| G6 Series | |
| Item >>> | G6 Features |
| Feature | <ul style="list-style-type: none"> Operating forces range of 50gf~350gf Rating: Max. to 12 (6) A Long life and high reliability Variety of terminals and levers Housing material: PBT or bakelite Spring plate and spring structure optional Instantaneous contact structure |
| Rating and Certificated E-Life | 125/250VAC 0.1A 5E4, 5A 5E4, 10(2)A 1E4 125/250VAC 12(6)A 48VDC 0.1A 30VDC 5A, 125/250VDC 0.5A |
| Working Temperature | -25°C~+125°C |
| Ref. Dimension(mm) | 19.9*6.4*10.7 |
| Safety Approvals | ENEC, UL, CUL, CQC |

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|--|--|
| G10 Series Basic Micro Switch Series | |
| G10 Series | |
| Item >>> | G10 Features |
| Feature | <ul style="list-style-type: none"> Rating: Max. to 3A Long life and high reliability Variety of terminals and levers Instantaneous contact structure |
| Rating and Certificated E-Life | 125VAC 0.1A 5E4, 1A 3A 1E4, 48VDC 0.1A |
| Working Temperature | -40°C~+85°C |
| Ref. Dimension(mm) | 12.80*5.80*6.50 |
| Safety Approvals | ENEC, UL, CUL, CQC |

Basic Switch Series

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|---|--|
| G5/G5E Series Basic Micro Switch Series | |
| G5 Series G5E Series | |
| Item >>> | G5/G5E Features |
| Feature | <ul style="list-style-type: none"> Operating force could be 7gf~400gf Rating: Max. to 10(1.5)A Long life and high reliability Variety of terminals and levers Instantaneous contact structure |
| Rating and Certificated E-Life | 0.1A 5(2)A 125/250VAC 5E4 10(3)A 16(13)A 250VAC 5E4 0.1A 48VDC 5A 30VDC, 0.5A 125VDC, 2(2)A 250VAC 1E4 2(6)A 250VAC 2E3 0.1A 48VDC 0.5A 125VDC 0.25A 250VDC 1A 30VDC |
| Working Temperature | -25°C~+150°C, 200°C/optional |
| Ref. Dimension(mm) | G5: 27.80*10.30*15.90 G5E: 25.20*10.30*13.90 |
| Safety Approvals | ENEC, UL, CUL, CQC |

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|--|---|
| G91 Series Basic Micro Switch Series | |
| G91 Series | |
| Item >>> | G91 Features |
| Feature | <ul style="list-style-type: none"> Equivalent terminal space Rating: Max. to 10(1.5)A Long life and high reliability Variety of terminals and levers Instantaneous contact structure |
| Rating and Certificated E-Life | 0.1A 125/250VAC 48VDC μ 40T125 5E4 5A 125/250VAC μ 40T125 5E4 10(1.5)A 125/250VAC μ 40T125 |
| Working Temperature | -40°C~+125°C |
| Ref. Dimension(mm) | 19.90*6.45*10.30 |
| Safety Approvals | ENEC, UL, CUL, CQC |

Keyboard Switch

| | |
|---------------------------------------|---|
| GT02 Series Keyboard Switch | |
| GT02 Series | |
| Item >>> | GT02 Features |
| Feature | <ul style="list-style-type: none"> High stability and high consistency Operating life could be over 100 million cycles Good-felt operation Single or full color RGB optional Designed for dustproof Touch contact structure |
| Rating and E-Life | 10μA~10mA 2VDC~12VDC 1E7 |
| Working Temperature | -40°C~+80°C |
| Ref. Dimension(mm) | 15.6*15.6*15.2 |
| Travel | 4mm |

| | |
|---|--|
| GT08/GT11 Series Ultra-thin Keyboard Switch | |
| GT08 Series GT11 Series | |
| Item >>> | GT08/GT11 Features |
| Feature | <ul style="list-style-type: none"> Ultra-thin profile, High Reliability Long life, Light weight and High Precision, For notebook keyboard, iPad keyboard Designed for dustproof Touch contact structure |
| Rating and E-Life | 10μA~10mA 2VDC~12VDC 1E7 |
| Working Temperature | -40°C~+80°C |
| Ref. Dimension(mm) | GT08(8*8.95*4.9) GT11(8*8.95*6.7) |
| Travel | GT08: 1.6mm GT11: 2.5mm |