



Item	GT06	Features	Item	GT07	Features
Feature	<ul style="list-style-type: none"> <li>Choice of feel: linear, soft tactile, click tactile</li> <li>Long life of 100 million operation cycles</li> <li>With light guide ensuring illumination soft and not dazzling</li> <li>Touch contact structure</li> </ul>		<ul style="list-style-type: none"> <li>Long life and high reliability</li> <li>Designed for dustproof</li> <li>Touch contact structure</li> </ul>		
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	



Item	G12	Features	Item	GPS100	Features
Feature	<ul style="list-style-type: none"> <li>IP63 design , rating could be 26A</li> <li>Long life and high reliability</li> <li>Several shapes , with different levers</li> <li>Precise operation repeatability and high sensitive differential travel</li> <li>Instantaneous contact structure</li> </ul>		<ul style="list-style-type: none"> <li>High stability</li> <li>Switching pressure range: 10 Pa min.</li> <li>Compatible precision micro switch could be offered separately.</li> <li>Instantaneous contact structure</li> </ul>		
Rating and E-Life	125/250VAC 480VAC 16A, 22A, 26A 5E4 250VDC 0.25A, 125VDC 0.5A		Rating	0.1A~16A 125/250VAC	
Working Temperature	-40°C~+85°C		Working Temperature	-40°C~+90°C	
Ref. Dimension(mm)	60.8*17.3*32.55		Ref. Dimension(mm)	80.5*22.3*42	
Safety Approvals	ENEC, UL, CUL, CQC				



Item	G5D	Features	Item	GT01	Features
Feature	<ul style="list-style-type: none"> <li>Multi-mounting methods</li> <li>Available assembled with variety of micro switches</li> <li>Could withstand the shock of high force</li> <li>Instantaneous contact structure</li> </ul>		<ul style="list-style-type: none"> <li>Small size, light weight and high precision</li> <li>Long life and low operating force</li> <li>Mute structure with sliding contacts</li> </ul>		
Rating and E-Life	0.1A 5/2.5/1A 125/250VAC 5E4 10/3/1A 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	



Item	SWP	Features	Item	G22	Features
Feature	<ul style="list-style-type: none"> <li>Single Pole Construction</li> <li>Long Travel and long life</li> <li>Touch contact structure</li> </ul>		<ul style="list-style-type: none"> <li>Long life and High Reliability</li> <li>Designed for dustproof</li> <li>Mute structure with sliding contacts</li> </ul>		
Rating and Certificated E-Life	0.25A 250VAC, 0.5A 24VDC 1E5		Rating and E-Life	4A 14VDC 5E4	
Working Temperature	-25°C~+60°C		Working Temperature	-40°C~+85°C	
Ref. Dimension(mm)	29.3*10.0*26.5		Ref. Dimension(mm)	38.0*43.2*24.4	



Item	G606	Features	Item	G21	Features
Feature	<ul style="list-style-type: none"> <li>DPDT</li> <li>Long life and high reliability</li> <li>Widely used in Industry Control, etc.</li> <li>Instantaneous contact structure</li> </ul>		<ul style="list-style-type: none"> <li>DPDT</li> <li>Long life and high reliability</li> <li>Widely used in Industry Control, etc.</li> <li>Instantaneous contact structure</li> </ul>		
Rating and Certificated 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				



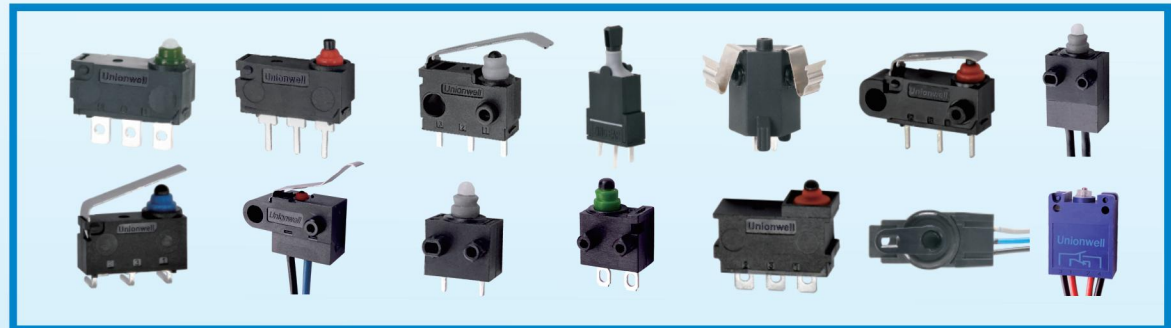
Item	G15	Features	Item	ZE-235	Features
Feature	<ul style="list-style-type: none"> <li>Ultra-miniature, width-2.7mm, rating current load up to 1A</li> <li>High precision spring plate construction to accomplish rapid switching, long life and excellent touch texture.</li> <li>Integrated molding terminals structure preventing flux from not wicking</li> <li>Multiple options of levers for use in product structure design</li> <li>Instantaneous contact structure</li> </ul>		<ul style="list-style-type: none"> <li>Long life and high reliability</li> <li>Instantaneous contact structure</li> </ul>		
Rating and E-Life	1A 15VDC / 0.1A 30VDC		Rating and E-Life	8A 250VAC/16A 125VAC 5A 125V/16(8)A 250VAC	
Working Temperature	-40°C~+85°C		Function	ON-OFF(2P1T)(1P1T)	
Ref. Dimension(mm)	8.40*6.79*2.70		Material	Plastic base	



(2022-2023)

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**Unionwell** (2022-2023)  
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**Main Products**



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**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.



**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

<b>G304 Series</b> Waterproof Switch Series	
G304G Series G304F Series	
Item >>>	G304 Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design, slide switch</li> <li>Long life and high reliability</li> <li>Several shapes with kinds of terminals and pin posts, or levers (for G304_F type)</li> </ul>
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
<b>G306 Series</b> Waterproof Switch Series	
G306 Series	
Item >>>	G306 Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design</li> <li>With long travel, can work excellently even</li> <li>Mute structure with sliding contacts</li> </ul>
Rating and E-Life	0.1A 30VDC 10mA 14VDC
Working Temperature	-40°C~+85°C
Ref. Dimension(mm)	13.3*5.3*9.3
G309	There are a full range of PCB terminals solder terminals, etc. Provide various sizes of mounting posts Touch contact structure
G9	UL, ENEC, CQC and ATEX certified With various terminals like PCB or solder etc. 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

<b>G304D Series</b> Clip type sliding Switch	
G304D Series	
Item >>>	G304D Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design, slide switch</li> <li>Several shapes with kinds of terminals and pin posts, or levers</li> <li>Mute structure with sliding contacts</li> </ul>
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
<b>G307 Series</b> DPDT Waterproof Switch Series	
G307 Series	
Item >>>	G307 Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design</li> <li>Variety of levers and pin posts.</li> <li>Mute structure with sliding contacts</li> </ul>
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

<b>G304E Series</b> Clip type sliding Switch	
G304E Series	
Item >>>	G304E Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design, slide switch</li> <li>Long life and high reliability</li> <li>Several shapes with kinds of terminals and pin posts.</li> <li>Mute structure with sliding contacts</li> </ul>
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
<b>G309 Series</b> Touch Switch	
G309 Series	
Item >>>	G309 Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design, slide switch</li> <li>Long life and high reliability</li> <li>Several shapes with kinds of terminals and pin posts.</li> <li>Touch contact structure</li> </ul>
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

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

<b>G1/G17 Series</b> Waterproof Switch Series	
G1 Series G17 Series	
Item >>>	G1/G17 Features
Feature	<ul style="list-style-type: none"> <li>IP67 design</li> <li>Long life and high reliability</li> <li>PCB terminals, options with different levers</li> <li>Safe operation design-double circuits only close when both levers are actuated.</li> <li>Instantaneous contact structure</li> </ul>
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)

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

<b>G10B Series</b> Subminiature Micro Switch	
G10B Series	
Item >>>	G10B Features
Feature	<ul style="list-style-type: none"> <li>Small Compact Size, Tight structure</li> <li>Long Life, High Reliability</li> <li>Variety of Levers Optional</li> <li>Instantaneous contact structure</li> </ul>
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
<b>G9A/B Series</b> 3.5mm Travel Micro Switch	
G9A Series G9B Series	
Item >>>	G9A/B Features
Feature	<ul style="list-style-type: none"> <li>Dust and Water Proof(IP67)Design</li> <li>Small Compact Size, Tight Configuration</li> <li>Global Safety Approvals</li> <li>Variety of Terminals</li> <li>Instantaneous contact structure</li> </ul>
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

<b>G9 Series</b> Waterproof Switch Series	
G9 Series	
Item >>>	G9 Features
Feature	<ul style="list-style-type: none"> <li>IP67 Design</li> <li>Long life and high reliability</li> <li>Variety of levers, terminals and wire connecting way</li> <li>Instantaneous contact structure</li> </ul>
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
<b>G5/G5E Series</b> Basic Micro Switch Series	
G5 Series G5E Series	
Item >>>	G5/G5E Features
Feature	<ul style="list-style-type: none"> <li>Operating force could be 7gf~400gf</li> <li>Rating could be 0.1A~26A</li> <li>Long life and high reliability</li> <li>Variety of terminals and levers</li> <li>Instantaneous contact structure</li> </ul>
Rating and Certificated E-Life	0.1A 5(2)A 125/250VAC 5E4 10(3)A 16(13)A 250VAC 5E4 22(8)A 250VAC 1E4 26(10)A 250VAC 2E3 10(1.5)A 125/250VAC μ 40T125 5E4 20A 24VDC
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

<b>SWD Series</b> Sealed Explosion Proof Door Switch	
SWD Series	
Item >>>	SWD Features
Feature	<ul style="list-style-type: none"> <li>Fully sealed type, ATEX explosion-proof certification</li> <li>There are two options: high current switch for controlling lamp load and micro current switch for controlling signal load</li> <li>Touch contact structure</li> </ul>
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
Safety Approvals	ENEC, UL, CUL, CQC
<b>G91 Series</b> Basic Micro Switch Series	
G91 Series	
Item >>>	G91 Features
Feature	<ul style="list-style-type: none"> <li>Equivalent terminal space</li> <li>Rating: Max. to 10(1.5)A</li> <li>Long life and high reliability</li> <li>Variety of terminals and levers</li> <li>Instantaneous contact structure</li> </ul>
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

<b>G6 Series</b> Basic Micro Switch Series	
G6 Series	
Item >>>	G6 Features
Feature	<ul style="list-style-type: none"> <li>Operating forces range of 50gf~350gf</li> <li>Rating: Max. to 12 (6) A</li> <li>Long life and high reliability</li> <li>Variety of terminals and levers</li> <li>Housing material: PBT or bakelite</li> <li>Spring plate and spring structure optional</li> <li>Instantaneous contact structure</li> </ul>
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
<b>GT02 Series</b> Keyboard Switch	
GT02 Series	
Item >>>	GT02 Features
Feature	<ul style="list-style-type: none"> <li>High stability and high consistency</li> <li>Operating life could be over 100 million cycles</li> <li>Good-felt operation</li> <li>Single or full color RGB optional</li> <li>Designed for dustproof</li> <li>Touch contact structure</li> </ul>
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

<b>G10 Series</b> Basic Micro Switch Series	
G10 Series	
Item >>>	G10 Features
Feature	<ul style="list-style-type: none"> <li>Rating: Max. to 3A</li> <li>Long life and high reliability</li> <li>Variety of terminals and levers</li> <li>Instantaneous contact structure</li> </ul>
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
<b>GT08/GT11 Series</b> Ultra-thin Keyboard Switch	
GT08 Series GT11 Series	
Item >>>	GT08/GT11 Features
Feature	<ul style="list-style-type: none"> <li>Ultra-thin profile, High Reliability</li> <li>Long life, Light weight and High Precision,</li> <li>For notebook keyboard, iPad keyboard</li> <li>Designed for dustproof</li> <li>Touch contact structure</li> </ul>
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

Basic Switch Series

Keyboard Switch

Explosion-proof switch series

G5W11 Series Waterproof Switch

Item >>> G5W11 Features

Feature	<ul style="list-style-type: none"> <li>IP67 design, Max rating could be 10(2)A</li> <li>Long life and high reliability</li> <li>Variety of levers and wires</li> <li>Instantaneous contact structure</li> </ul>
Rating and E-Life	0.1A 125/250VAC, 5A 125/250VAC 40T85 μ 5E4 0.1A 48VDC, 5A 30VDC, 0.5A 125VDC, 10(2)A 125/250VAC, 5A 48VDC 2E4 20A 24VDC
Working Temperature	-40°C~+85°C
Ref. Dimension(mm)	33*15.9*10.3
Safety Approvals	UL, CUL