

HEXLON

HL0101-(M) Series

Explosion-proof Button/Switch(Board back type)

1 Application and Features

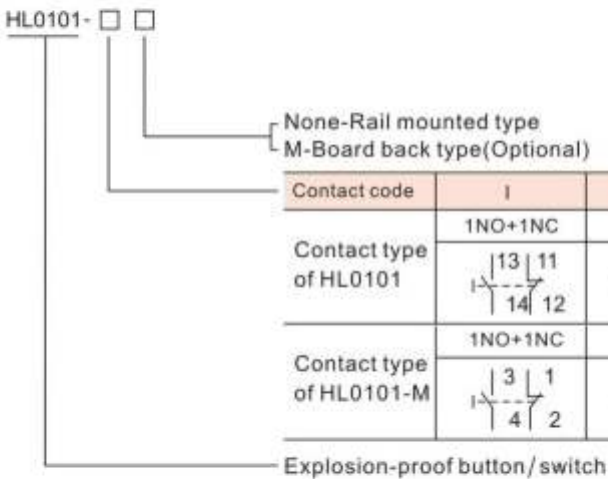
- Explosion protection
 - IECEx (IEC)
 - ATEX (GENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- There are five head types:
 - Standard button, double heads button, emergency stop button (rotate to reset), mushroom head button (self-reset), mushroom head with key.
- The protective cover of emergency stop button (rotate to reset) and mushroom head button (self-reset) are optional.
- There are two types of installation method: rail mounted type and board back type.
- Rail mounted type: contact is installed on rail.
- Board back type: contact is installed behind the cover, quick disassembly structure, easy installation and maintenance.

Electrical accessories

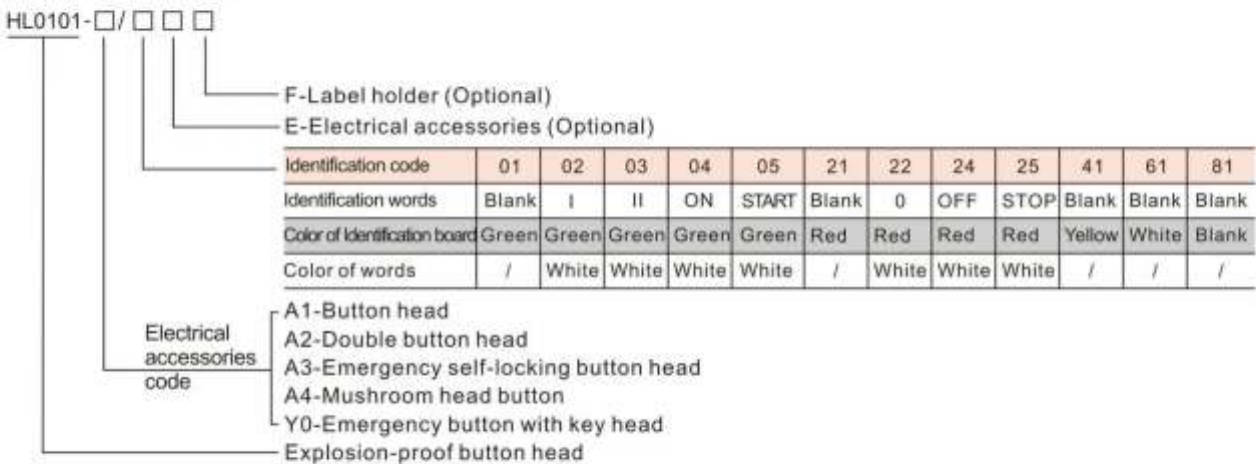


2 Part Number

Component.



Electrical accessories.



Note: A yellow ring will be equipped when without label holder.

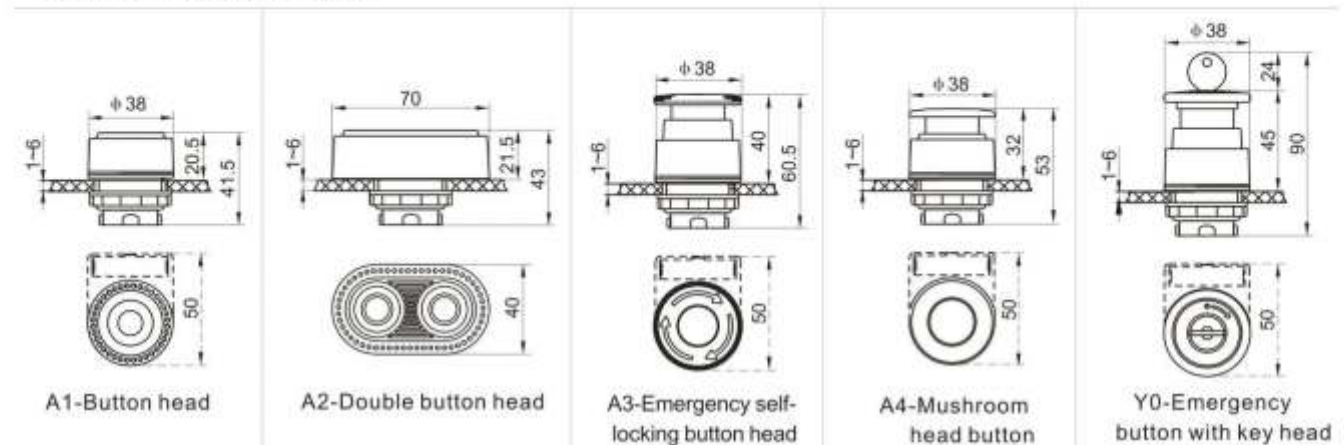


3 Technical Parameter

Ex marking of button	Gas	Ex II2 G Ex db eb IIC Gb	Ex db eb IIC Gb	Ex d e IIC Gb
Ex marking of electrical accessories	Gas	Ex II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb
	Dust	Ex II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5			
Material	Button enclosure	Nylon(PA66), Polycarbonate(PC)		
	Electrical accessories	Nylon(PA66), Polycarbonate(PC)		
Parameter	Rated voltage	220V~250V AC	380V~415V AC	220V DC
	Rated current	6A, 10A	6A, 10A	0.25A
	Rated voltage	110V DC	60V DC	24V DC
	Rated current	1.6A	0.9A	0.4A
Pole	Rail mounted type:1(2), Board back type:2			
Degree of protection	Terminal IP20, IP66 (After assembly with electrical accessories)			
Function	Electrical accessories	Function		Weight
	Button head (A1)	Spring self-resetting		38g
	Double button head(A2)	Spring self-resetting, one button head with two function		60g
	Emergency self-locking button head (A3)	Press to lock, rotate to release		43g
	Mushroom head button(A4)	Mushroom type, spring self-resetting		38g
	Emergency button with key head(Y0)	Press to lock, turn the key to unlock and release		60g
Component weight	Rail mounted type (1pcs)			30g
	Board back type			80g
Ambient temperature	Rail mounted type	6A: -40℃ ~ +70℃, 10A: -40℃ ~ +60℃		
	Board back type	6A: -40℃ ~ +70℃, 10A: -40℃ ~ +65℃		
Terminal wire diameter	6A: 0.75 ~ 2.5mm ² , 10A: 1.5 ~ 2.5mm ²			

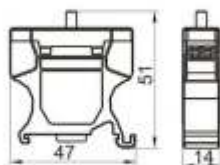
4 Outline Dimension of Electrical Accessories (Dimensions in mm)

• Rail mounted (Board back) type

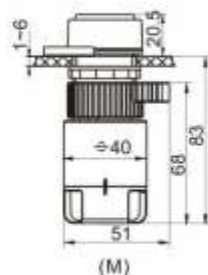


5 Component Outline Dimension (Dimensions in mm)

• Rail mounted type

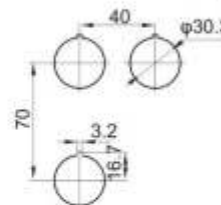


• Board back type

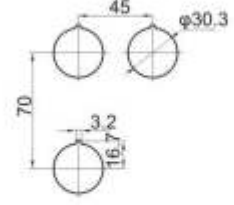


6 Installation Distance (Dimensions in mm)

• Rail mounted type



• Board back type



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HL0101-MD Series Explosion-proof Button/Switch(Board back cable type)

1 Application and Features

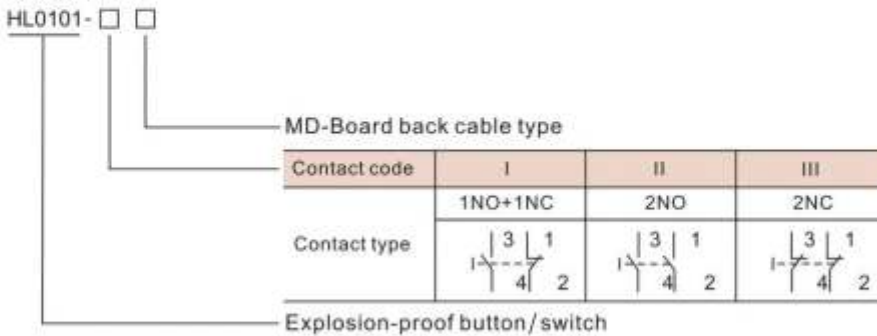
- Explosion protection
 - IECEX (IEC)
 - ATEX (CENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- There are five head types:
 - Standard button, double heads button, emergency stop button(rotate to reset), mushroom head button (self-reset),mushroom head with key.
- The protective cover of emergency stop button(rotate to reset) and mushroom head button (self-reset) are optional are optional.
- Installation method is panel cable type, quick disassembly structure, easy installation and maintenance.

Electrical accessories



2 Part Number

Component.



Electrical accessories.



Note: A yellow ring will be equipped when without label holder.

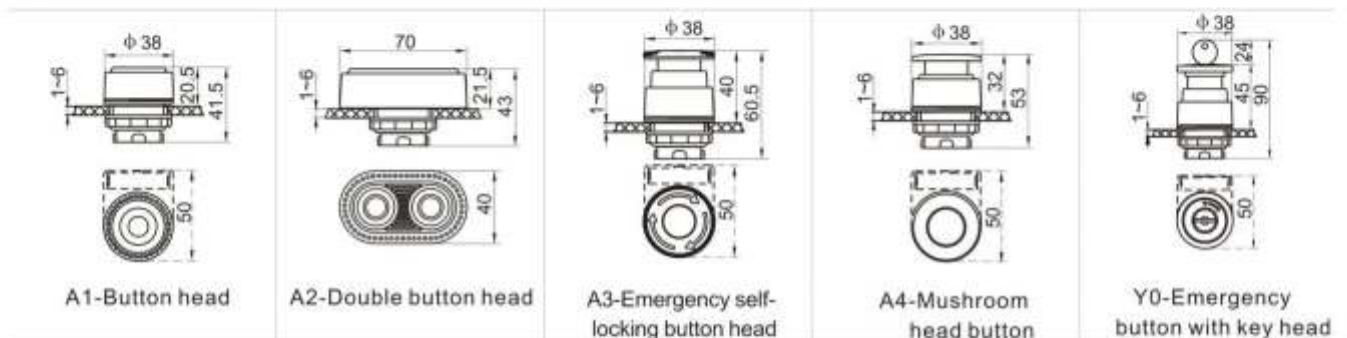


HL0101-MD Series Explosion-proof Button/Switch(Board back cable type)

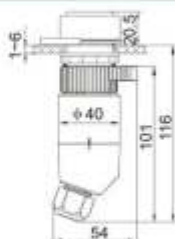
3 Technical Parameter

Ex marking of button	Gas	Ⓔ II2 G Ex db eb IIC T6/T5 Gb	Ex db eb IIC T6/T5 Gb	Ex d e IIC T6/T5 Gb	
	Dust	Ⓔ II2 D Ex tb IIIC T80/T95°C Db	Ex tb IIIC T80/T95°C Db	Ex tD A21 IP66 T80/T95°C	
Ex marking of electrical accessories	Gas	Ⓔ II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb	
	Dust	Ⓔ II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66	
Conformity to standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31 EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31 GB3836.1,GB3836.2,GB3836.3,GB12476.1,GB12476.5				
Material	Button enclosure	Nylon(PA66)			
	Electrical accessories	Nylon(PA66), Polycarbonate(PC)			
Parameter	Rated voltage	220V~250V AC	380V~415V AC	220V DC	
	Rated current	6A, 10A	6A, 10A	0.25A	
	Rated voltage	110V DC	60V DC	24V DC	
	Rated current	1.6A	0.9A	0.4A	
Pole	2				
Degree of protection	IP66 (After assembly with electrical accessories)				
Function	Electrical accessories	Function		Weight	
	Button head (A1)	Spring self-resetting		38g	
	Double button head(A2)	Spring self-resetting, one button head with two function		60g	
	Emergency self-locking button head (A3)	Press to lock, turn to release		43g	
	Mushroom head button(A4)	Mushroom type, spring self-resetting		38g	
Emergency button with key head(Y0)	Press to lock, turn the key to unlock and release		60g		
Component weight	Board back cable type			90g	
Ambient temperature Temperature class	Rated current	Ambient temperature		Gas	
				Dust	
	6A	-40°C ~+55°C		T6	T80°C
		-40°C ~+65°C		T5	T95°C
		-40°C ~+50°C		T6	T80°C
10A	-40°C ~+55°C		T5	T95°C	
	Terminal wire diameter				
		6A:0.75 ~ 2.5mm ² , 10A: 1.5 ~ 2.5mm ²			
Available cable outer diameter		φ6~φ11 mm, φ9~φ13mm			

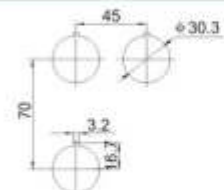
4 Outline Dimension of Electrical Accessories (Dimensions in mm)



5 Component Outline Dimension (Dimensions in mm)



6 Installation Distance (Dimensions in mm)



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HL0101-Y1/(M) Series

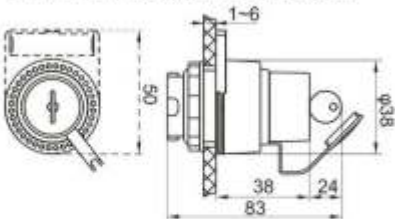
Explosion-proof Button/Switch(Board back type)

3 Technical Parameter

Ex marking of button	Gas	II2 G Ex db eb IIC Gb	Ex db eb IIC Gb	Ex d e IIC Gb
Ex marking of electrical accessories	Gas	II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb
	Dust	II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 GB3836.1,GB3836.2,GB3836.3,GB12476.1,GB12476.5			
Material	Button enclosure	Nylon(PA66), Polycarbonate(PC)		
	Electrical accessories	Nylon(PA66), Polycarbonate(PC)		
Parameter	Rated voltage	220V~250V AC	380V~415V AC	220V DC
	Rated current	6A, 10A	6A, 10A	0.25A
	Rated voltage	110V DC	60V DC	24V DC
	Rated current	1.6A	0.9A	0.4A
Pole	Rail mounted type: 1(2), Board back type: 2			
Degree of protection	Terminal IP20, IP66 (After assembly with electrical accessories)			
Function	Electrical accessories	Function		Weight
	Key-operated button head (Y1)	Two-position: Rotate within 90 °. Three-position: Rotate within 90 °, three-position positioning, three-position left and right self-resetting, three-position right self-resetting.Key pull out position upon request.		58g
Component weight	Rail mounted type			30gX2
	Board back type			80g
Ambient temperature	Rail mounted type	6A: -40℃ ~+70℃, 10A: -40℃ ~+60℃		
	Board back type	6A: -40℃ ~+70℃, 10A: -40℃ ~+65℃		
Terminal wire diameter	6A: 0.75~2.5mm ² , 10A: 1.5~2.5mm ²			

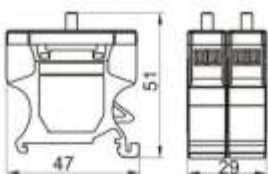
4 Outline Dimension of Electrical Accessories (Dimensions in mm)

• Rail mounted (Board back) type

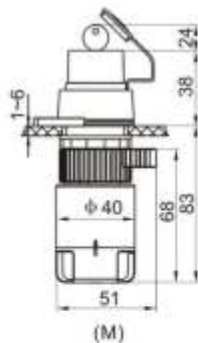


5 Component Outline Dimension (Dimensions in mm)

• Rail mounted type

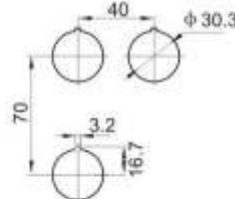


• Board back type

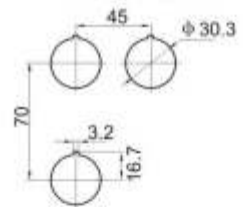


6 Installation Distance (Dimensions in mm)

• Rail mounted type



• Board back type

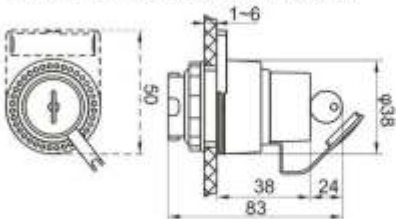


3 Technical Parameter

Ex marking of button	Gas	⊕ II2 G Ex db eb IIC Gb	Ex db eb IIC Gb	Ex d e IIC Gb
Ex marking of electrical accessories	Gas	⊕ II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb
	Dust	⊕ II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 GB3836.1,GB3836.2,GB3836.3,GB12476.1,GB12476.5			
Material	Button enclosure	Nylon(PA66), Polycarbonate(PC)		
	Electrical accessories	Nylon(PA66), Polycarbonate(PC)		
Parameter	Rated voltage	220V~250V AC	380V~415V AC	220V DC
	Rated current	6A, 10A	6A, 10A	0.25A
	Rated voltage	110V DC	60V DC	24V DC
	Rated current	1.6A	0.9A	0.4A
Pole	Rail mounted type: 1(2), Board back type: 2			
Degree of protection	Terminal IP20, IP66 (After assembly with electrical accessories)			
Function	Electrical accessories	Function		Weight
	Key-operated button head (Y1)	Two-position: Rotate within 90 °. Three-position: Rotate within 90 °, three-position positioning, three-position left and right self-resetting, three-position right self-resetting.Key pull out position upon request.		58g
Component weight	Rail mounted type		30gX2	
	Board back type		80g	
Ambient temperature	Rail mounted type	6A: -40℃ ~+70℃, 10A: -40℃ ~+60℃		
	Board back type	6A: -40℃ ~+70℃, 10A: -40℃ ~+65℃		
Terminal wire diameter	6A: 0.75~2.5mm ² , 10A: 1.5~2.5mm ²			

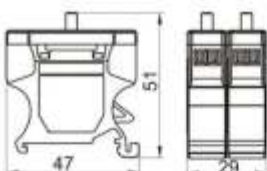
4 Outline Dimension of Electrical Accessories (Dimensions in mm)

• Rail mounted (Board back) type

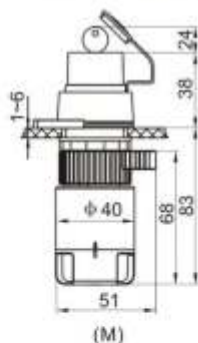


5 Component Outline Dimension (Dimensions in mm)

• Rail mounted type

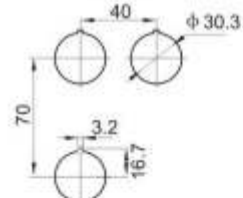


• Board back type

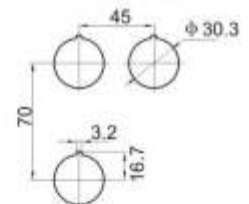


6 Installation Distance (Dimensions in mm)

• Rail mounted type



• Board back type



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HL0101-Y1/MD Series Explosion-proof Button/Switch(Board back cable type)

1 Application and Features

- Explosion protection
 - IECEx (IEC)
 - ATEX (GENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Electrical accessories head types: two-position, three-position, three-position left and right self-resetting, three-position right self-resetting.
- Installation method is panel cable type, quick disassembly structure, easy installation and maintenance.



Electrical accessories(Y1)

2 Part Number

Component.

HL0101-□ □

MD-Board back cable type

Switch code	Contact chart	Knob position	Switch code	Contact chart	Knob position	Switch code	Contact chart	Knob position
01			03			05		
02			04			06		

Explosion-proof button/switch

Electrical accessories.

HL0101-□/□□□

F-Label holder (Optional)

Position
(Pull out the key)

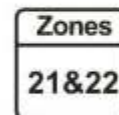
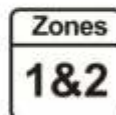
- 0-Middle
- 1-Left
- 2-Right

Identification code	01	02	03	04	05	11	12	13	14	15	16	99
Identification words	0-I	I-II	I-0-II	0-+-I	0-+-I	ON OFF	AUTO MAN	Local Remote	AUTO STOP MAN	STOP -RUN- START	LOCK-RUN-START	Upon request
Color of Identification board	Silver	Silver	Silver	Silver	Silver	Silver	Silver	Silver	Silver	Silver	Silver	Silver
Color of words	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black

Y1-Key-operated button head

Explosion-proof key-operated button head

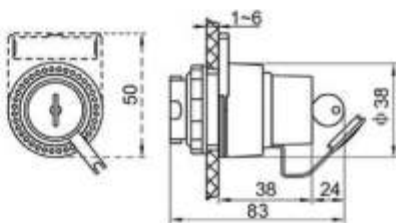
Note: A yellow ring will be equipped when without label holder.



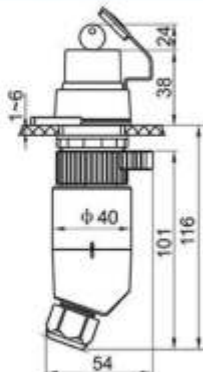
3 Specifications

Ex marking of button	Gas	Ex II2 G Ex db eb IIC T6/T5 Gb	Ex db eb IIC T6/T5 Gb	Ex d e IIC T6/T5 Gb
	Dust	Ex II2 D Ex tb IIIC T80/T95°C Db	Ex tb IIIC T80/T95°C Db	Ex tD A21 IP66 T80/T95°C
Ex marking of electrical accessories	Gas	Ex II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb
	Dust	Ex II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31 EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31 GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5			
Material	Button enclosure	Nylon(PA66)		
	Electrical accessories	Nylon(PA66), Polycarbonate(PC)		
Parameter	Rated voltage	220V~250V AC	380V~415V AC	220V DC
	Rated current	6A, 10A	6A, 10A	0.25A
	Rated voltage	110V DC	60V DC	24V DC
	Rated current	1.6A	0.9A	0.4A
Pole	2			
Degree of protection	IP66(After assembly with electrical accessories)			
Function	Electrical accessories	Function		Weight
	Key-operated button head (Y1)	Two-position: Rotate within 90 °. Three-position: Rotate within 90 °, three-position positioning, three-position left and right self-resetting, three-position right self-resetting.Key pull out position upon request.		58g
Component weight	Board back cable type			90g
Ambient temperature Temperature class	Rated current 6A	Ambient temperature	Gas	Dust
		-40°C ~+55°C	T6	T80°C
	10A	-40°C ~+65°C	T5	T95°C
		-40°C ~+50°C	T6	T80°C
-40°C ~+55°C	T5	T95°C		
Terminal wire diameter	6A: 0.75~2.5mm ² , 10A: 1.5~2.5mm ²			
Available cable outer diameter	φ6~φ11mm, φ9~φ13mm			

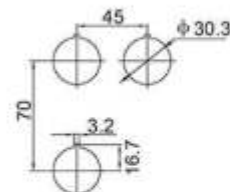
4 Outline Dimension of Electrical Accessories (Dimensions in mm)



5 Component Outline Dimension (Dimensions in mm)



6 Installation Distance (Dimensions in mm)



HEXLON

HL0102-(M) Series

Explosion-proof Signal Lamp(Board back type)

1 Application and Features

- Explosion protection
 - IECEX (IEC)
 - ATEX (CENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Five colors: red, green, yellow, blue and white.
- There are two types of installation method: rail mounted type and board back type.
- Rail mounted type: contact is installed on rail.
- Board back type: contact is installed behind the cover, quick disassembly structure, easy installation and maintenance.

Electrical accessories



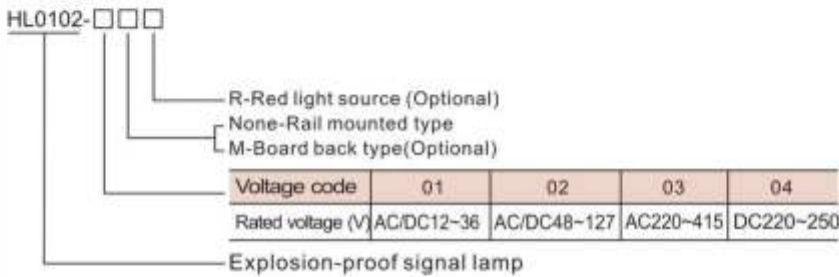
Without label holder



(M)

2 Part Number

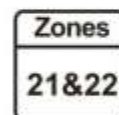
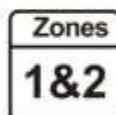
Component.



Electrical accessories.



Note: A yellow ring will be equipped when without label holder.

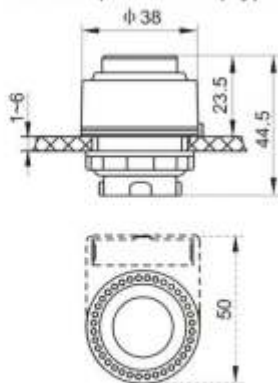


3 Technical Parameter

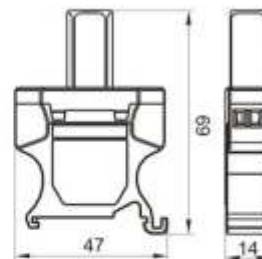
Ex marking of signal lamp	Gas	II2 G Ex db eb IIC Gb	Ex db eb IIC Gb	Ex d e=C Gb
Ex marking of electrical accessories	Gas	II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e=C Gb
	Dust	II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 GB3836.1,GB3836.2,GB3836.3,GB12476.1,GB12476.5			
Material	Signal lamp enclosure	Nylon(PA66), Polycarbonate(PC)		
	Electrical accessories	Transparent parts Polycarbonate(PC), Nylon(PA66)		
Electrical accessories lampshade color	Red	Green, Yellow, Blue, White		
Light source color	Red	White		
Light source	LED			
Rated voltage	12 ~ 36V AC/DC, 48 ~ 127V AC/DC, 220 ~ 415V AC, 220 ~ 250V DC			
Frequency	50Hz/60Hz			
Rated power	36V/0.6W, 127V/1.3W, 415V/3.8W, 250V/1.8W			
Degree of protection	Terminal IP20, IP66 (After assembly with electrical accessories)			
Electrical accessories weight	21g			
Component weight	Rail mounted type: 30g (1pcs) Board back type: 75g			
Ambient temperature	-40℃ ~ +70℃			
Terminal wire diameter	0.75 ~ 2.5mm ²			

4 Outline Dimension of Electrical Accessories (Dimensions in mm)

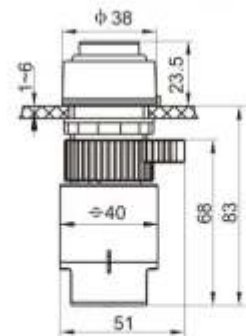
• Rail mounted (Board back) type

**5 Component Outline Dimension (Dimensions in mm)**

• Rail mounted type



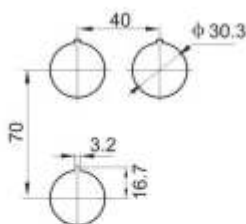
• Board back type



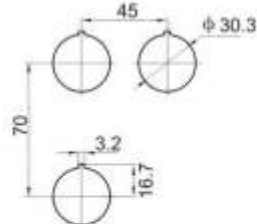
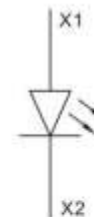
(M)

6 Installation Distance (Dimensions in mm)

• Rail mounted type



• Board back type

**7 Schematic Diagram**

HEXLON

HL0102-MD Series

Explosion-proof Signal Lamp(Board back cable type)

1 Application and Features

- Explosion protection
 - IECEx (IEC)
 - ATEX (CENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Five colors: red, green, yellow, blue and white.
- Installation method is panel cable type, quick disassembly structure, easy installation and maintenance.

Electrical accessories



Without label holder

2 Part Number

Component:

HL0102-□□□

R-Red light source (Optional)
MD-Board back cable type

Voltage code	01	02	03	04
Rated voltage (V)	AC/DC12-36	AC/DC48-127	AC220-415	DC220-250

Explosion-proof signal lamp

Electrical accessories:

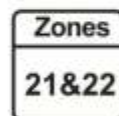
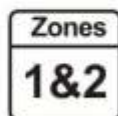
HL0102-□□

F-Label holder (Optional)

Lampshade color code	R	G	Y	B	W
Lampshade color	Red	Green	Yellow	Blue	White

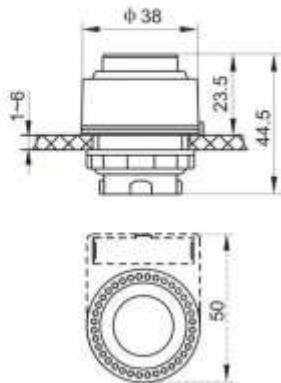
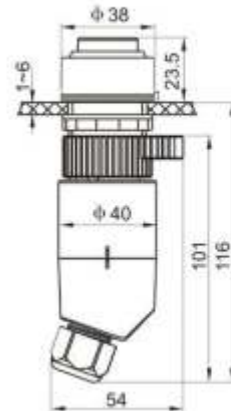
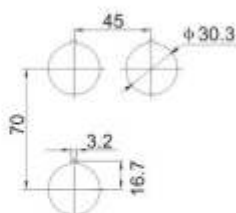
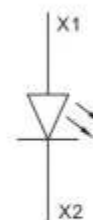
Explosion-proof Signal Lampshade

Note: A yellow ring will be equipped when without label holder.



3 Technical Parameter

Ex marking of signal lamp	Gas	⊕ II2 G Ex db eb IIC T6/T5 Gb	Ex db eb IIC T6/T5 Gb	Ex d e IIC T6/T5 Gb
	Dust	⊕ II2 D Ex tb IIIC T80/T95°C Db	Ex tb IIIC T80/T95°C Db	Ex tD A21 IP66 T80/T95°C
Ex marking of electrical accessories	Gas	⊕ II2 G Ex eb IIC Gb	Ex eb IIC Gb	Ex e IIC Gb
	Dust	⊕ II2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 GB3836.1,GB3836.2,GB3836.3,GB12476.1,GB12476.5			
Material	Signal lamp enclosure	Nylon(PA66),		
	Electrical accessories	Transparent parts Polycarbonate(PC), Lampshade Nylon(PA66)		
Electrical accessories lampshade color	Red	Green, Yellow, Blue, White		
Light source color	Red	White		
Light source	LED			
Rated voltage	12~36V AC/DC, 48 ~ 127V AC/DC, 220 ~ 415V AC, 220 ~ 250V DC			
Frequency	50Hz/60Hz			
Rated power	36V/0.6W, 127V/1.3W, 415V/3.8W, 250V/1.8W			
Degree of protection	IP66(After assembly with electrical accessories)			
Electrical accessories weight	21g			
Component weight	Board back cable type: 82g			
Ambient temperature	Temperature class	Ambient temperature	Gas	Dust
		-40℃ ~ +55℃	T6	T80℃
		-40℃ ~ +65℃	T5	T95℃
Terminal wire diameter	0.75~2.5mm ²			
Available cable outer diameter	φ6~ φ11mm, φ9~ φ13mm			

4 Outline Dimension of Electrical Accessories (Dimensions in mm)**5 Component Outline Dimension (Dimensions in mm)****6 Installation Distance (Dimensions in mm)****7 Schematic Diagram**

HEXLON

HL0105- Series Explosion-proof Switch Button

1 Application and Features

- Explosion protection
 - IECEx (IEC)
 - ATEX (GENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2,
 - Zone 21 and Zone 22
- 6 operating modes: standard button, emergency stop button with self-locking, mushroom button, knob switch, mushroom button with lock-key, knob switch with key.
- The contact module has a wiping action, has a self-cleaning function of the contact.
- Can add to 3-6 sets of modules according to user requirements;
- The contact module and the button head is buckle structure, which is convenient to disassemble and assemble.
- The contact module is able to adjust the angle after assembled, make wiring easy and beautiful.
- Protective cover for emergency stop button (rotate to reset) is optional.
- Product shall be used with flame-proof box.



2 Part Number

HL0105- □□/□□

E- With protective cover

Only for A1,A4

Tag code	01	21	41	61	81
Tag color	Green	Red	Yellow	White	Black

Contact code	I	II	III	IV
Contact type	1 NO & 1 NC 	2 NO 	2 NC 	1 NO

V	VI	VII	VIII	IX
1 NC 	1 NO & 2 NC 	3 NO 	3 NC 	2 NO & 1 NC

X	XI	XII	XIII	XIV
2 NO & 2 NC 	4 NO 	4 NC 	1 NO & 3 NC 	3 NO & 1 NC

Button head code

- A1-Standard button
- A3-Emergency stop button with self-locking
- A4-Mushroom button
- B1-knob switch (Two positions)
- Y0-Mushroom button with key
- Y1-Knob switch with key (Two positions)

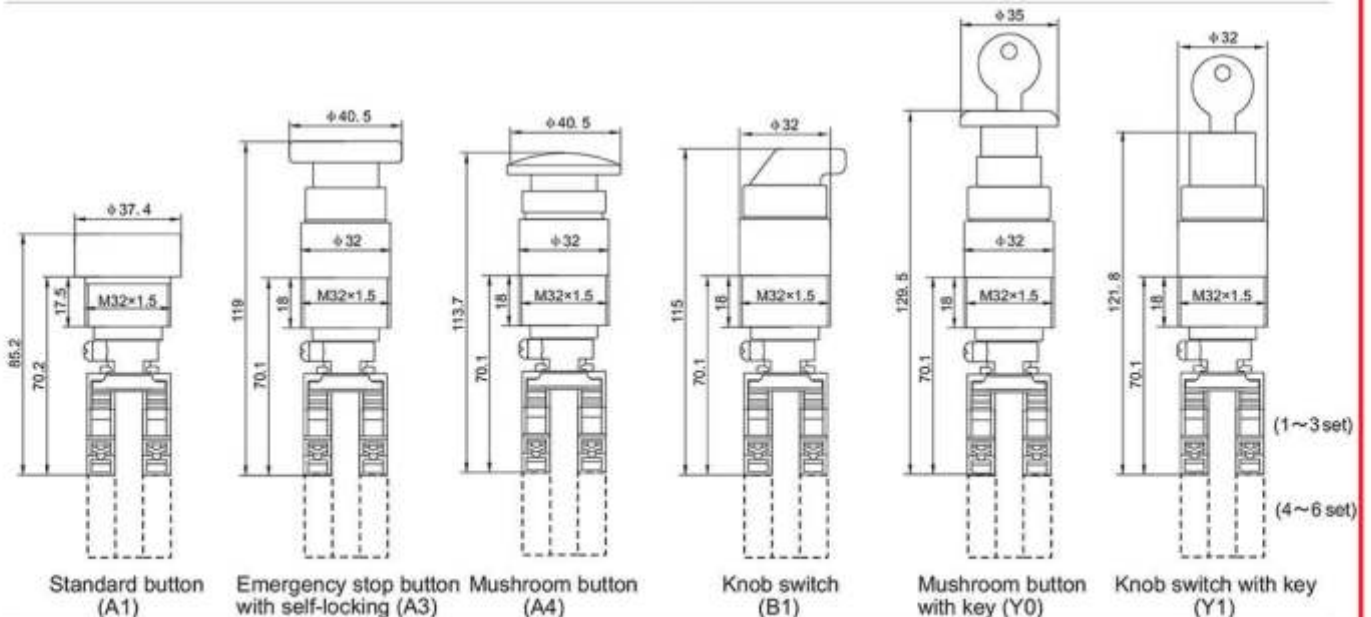
Explosion-proof switch button

Min. -40	Max. +100	Max. IP66	Zones 1&2	Zones 21&22
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3 Specifications

Ex marking	Gas	Ex II 2 G Ex db IIC Gb	Ex db IIC Gb	Ex d IIC Gb
	Dust	Ex II 2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex tD A21 IP66
Conformity to standards		IEC 60079-0, IEC 60079-1, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-31 GB3836.1, GB3836.2, GB12476.1, GB12476.5		
Enclosure materials		Aluminum alloy		
Rated voltage/current		AC-15: 120V/8A, 230V/6A, 400V/4A, 690V/2A DC-13: 24V/5A, 125V/1.1A, 250V/0.55A		
Rated value		Ui=690V, Ith=10A		
Degree of protection		IP66 (terminal IP20)		
Assembled thread		Flame-proof thread M32X1.5		
Service temperature		-40°C ~ +100°C		
Applicable wire diameter of terminal		0.5~2.5mm ²		
Types	Standard button (A1)	With spring, auto-reset		
	Emergency stop button with self-locking (A3)	Press to lock, rotate to reset		
	Mushroom button (A4)	Mushroom head type, With spring, auto-reset		
	Knob switch (B1)	Two position, 90° rotated angle		
	Mushroom button with key (Y0)	Press to lock, rotate the key to reset		
	Knob switch with key (Y1)	Two position, 90° rotated angle		

4 Outline and Installation Dimension (Dimensions in mm)



5 Accessories list

Item	Picture	Material	Size (mm)	Purchase code	Weight (kg)
LHLS-02-18 HL0201-A1 Safety locker		Polycarbonate (PC)	φ54X56	1.07.291.00018	0.032
LHLS-02-13 HL0201-A3 Safety cover		Nylon (PA66)	φ48X39	1.07.291.00013	0.014
LHLS-02-14 HL0201-A3 Safety locker		Nylon (PA66)	φ48X48	1.07.291.00014	0.028

HEXLON

HL0107- Series Explosion-proof Signal Lamp

1 Application and Features

- Explosion protection
 - IECEx (IEC)
 - ATEX (CENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2,
 - Zone 21 and Zone 22
- LED indicator light, 5 colors: red, green, yellow, blue, white.



2 Part Number

HL0107 - □ □

Voltage code	01	02	03	04	
Rated voltage (V)	12~36 VAC/DC	48~127 VAC/DC	220~415 VAC	220~250 VDC	
Code	R	Y	G	W	B
Color of light cover	Red	Yellow	Green	White	Blue

Explosion-proof signal lamp

3 Specifications

Ex marking	Gas	Ex II 2 G Ex db eb IIC Gb	Ex db eb IIC Gb	Ex d e IIC Gb
	Dust	Ex II 2 D Ex tb IIIC Db	Ex tb IIIC Db	Ex t DA 21 IP66
Conformity to standards	IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-31 EN60079-0, EN60079-1, EN60079-7, EN60079-31 GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5			
Enclosure materials	Body	Aluminum alloy		
	Light cover	Polycarbonate (PC)		
The color of light cover	Red, green, yellow, blue, white			
LED color	Red, white			
Light source	LED			
Rated voltage	12~36V AC/DC, 48~127V AC/DC, 220~415V AC, 220~250V DC			
Frequency	50Hz / 60Hz			
Rated power	380V/3.8W, 220V/1.8W, 127V/1.3W, 36V/0.6W			
Degree of protection	IP66 (terminal IP20)			
Assembled thread	Flame-proof thread M32X1.5			
Service temperature	-40°C ~ +100°C			
Applicable wire diameter of terminal	0.75~2.5mm ²			
Weight	80g			

4 Outline and Installation Dimension (Dimensions in mm)

