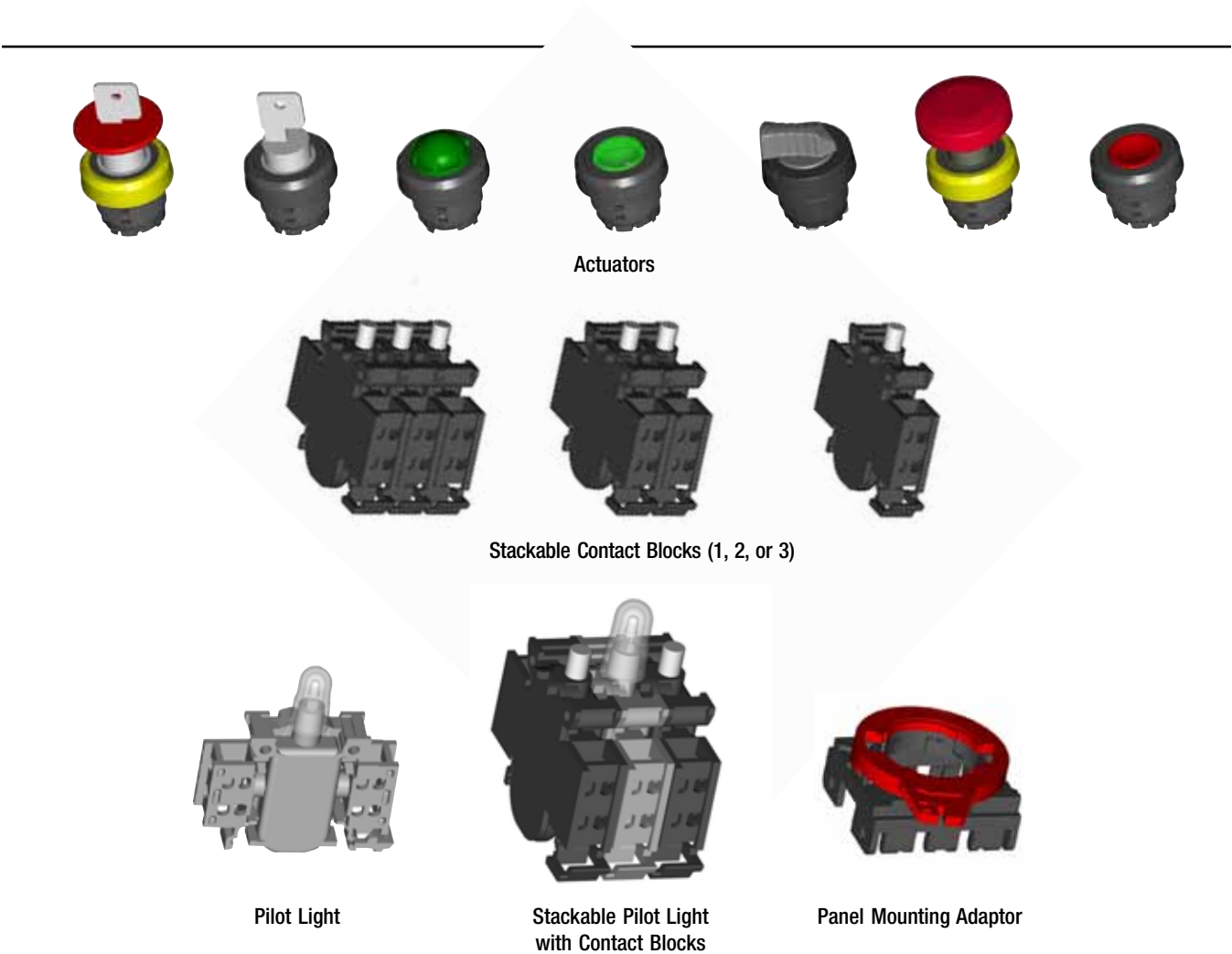


# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Actuators, Pilot Lights, Contact Blocks, Switches and Accessories



### Compliance Data:

ATEX – IEC and IECEx:

Zone 1 & 2 – 21 & 22	ATEX	II 2 GD	IEC / IECEx	CE
Ex de IIC / Ex e II	Ex tD A21			IP66 – IK10 (TCe)

### Voltage and Amperage:

Voltage	Amperage	Pilot Light Voltage
Up to 500 V	16 A	12 Vac to 254 Vac 50/60 Hz and 12 Vdc to 60 Vdc

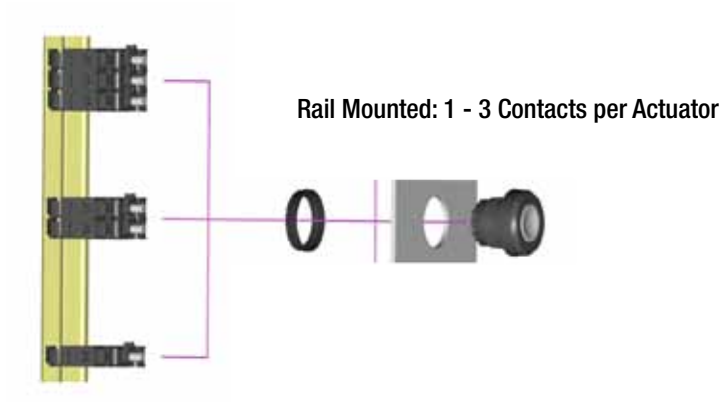
### Operating Temperature:

-40°C to +60°C				
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**Control Stations & Switches:** Components for Increased Safety Enclosures  
Unicode 2 Series: Rail and Panel Mounted

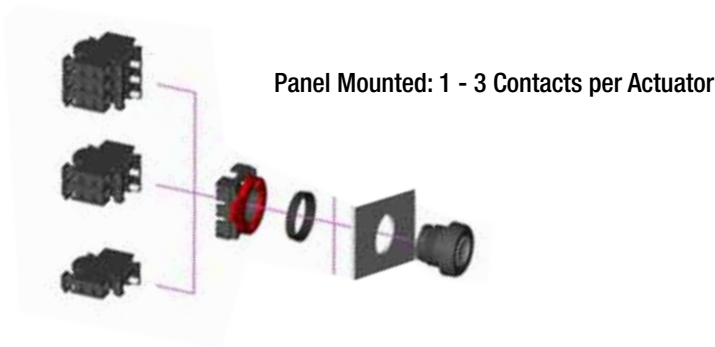
Rail Mounted:



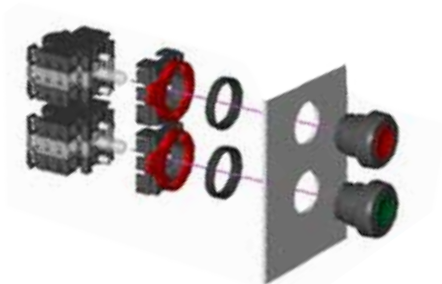
Rail Mounted: Illuminated Push Button



Panel Mounted:

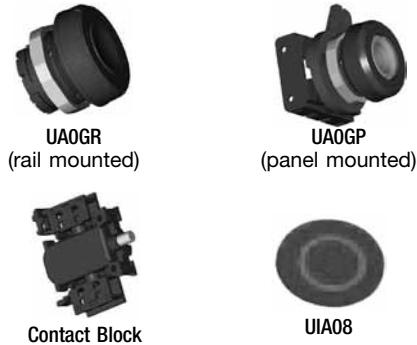


Panel Mounted: Illuminated Push Button



# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Push Button



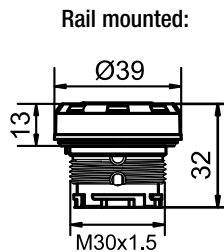
### Features:

- Can be equipped with up to 3 contact blocks UCB series.
- ATEX and IECEx certified.
- TS35 rail mounted.
- Panel mounted.

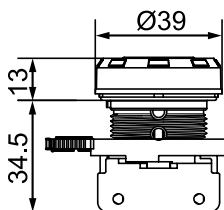
### Standard Materials:

- Polyamide body.
- EPDM seal.

### Dimensions (mm):



### Panel mounted:



### Ordering Information:

Spring Return - Push Button (contact block to be ordered separately)

Push Button with insert (unmarked)	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
Red + Green	UA0RGR	UA0RGP	Rail mounted: 0.033	0.06	1
Green	UA0GR	UA0GP			1
Red	UA0RR	UA0RP			1
White	UA0WR	UA0WP			1
Blue	UA0BR	UA0BP			1
Yellow	UA0YR	UA0YP	Panel mounted: 0.046	0.17	1
Legend plates, guards, blanking plugs (see accessories page)					

### 1-Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

### Spare Parts

Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1
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### Set of Five Spare Inserts

Marking	Color	Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
(unmarked)	Green	UIA G	0.007	0.008	1
(unmarked)	Red	UIA R	0.007	0.008	1
(unmarked)	Yellow	UIA Y	0.007	0.008	1
(unmarked)	White	UIA W	0.007	0.008	1
(unmarked)	Blue	UIA B	0.007	0.008	1
(unmarked)	Black	UIA N	0.007	0.008	1
ON	Green	UIA 01	0.007	0.008	1
OFF	Red	UIA 02	0.007	0.008	1
START	Green	UIA 03	0.007	0.008	1
STOP	Red	UIA 04	0.007	0.008	1
MARCHE	Green	UIA 05	0.007	0.008	1
ARRET	Red	UIA 06	0.007	0.008	1
I	Green	UIA 07	0.007	0.008	1
O	Red	UIA 08	0.007	0.008	1

### Compliances:

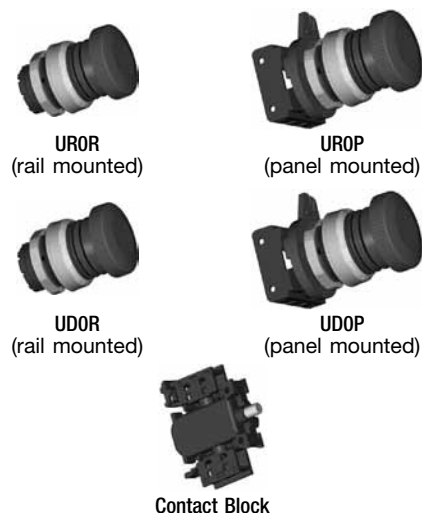
Hazardous Area	Gas	Dust
Certified Type	TCe	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	0081 Ⓔ II 2 G	0081 Ⓔ II2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21
Symbol of Protection IEC		
Service Temperature	-40°C to +60°C	
CE Declaration of Conformity	5C242	
ATEX Certificate	LCIE 09 ATEX 3010U	
IECEx Certificate	IECEx LCI 09.0011U	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10	

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-7; 61241-0; 61241-1
Product Standards	–
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Mushroom Head Push Button



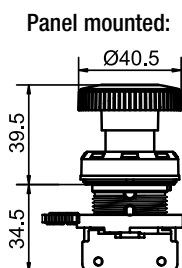
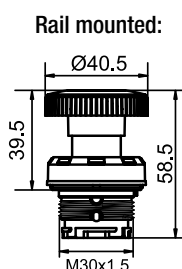
### Features:

- Can be equipped with up to 3 contact blocks UCB series.
- ATEX and IECEx certified.
- TS35 rail mounted.
- Panel mounted.

### Standard Materials:

- Polyamide body.
- EPDM seal.

### Dimensions (mm):



### Ordering Information:

#### Spring Return Mushroom Head Push Button (contact block to be ordered separately)

Color	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
Red	UR0R	UR0P	Rail mounted: 0.045	0.12	1
Black	UB0R	UB0P	Panel mounted: 0.060	0.26	1

#### Push-Pull Mushroom Head Push Button (contact block to be ordered separately)

Color	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
Red emergency stop	UD0R	UD0P	Rail mounted: 0.045	0.12	1
			Panel mounted: 0.060	0.26	

Legend plates, guards and blanking plugs (see accessories page)

### 1 Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

### Spare Parts

Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1
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### Compliances:

Hazardous Area	Gas	Dust
Certified Type	TCe	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	0081ⓈII 2 G	0081ⓈII2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21
Symbol of Protection IEC		
Service Temperature	-40°C to +60°C	
CE Declaration of Conformity	5C242	
ATEX Certificate	LCIE 09 ATEX 3010U	
IECEx Certificate	IECEx LCI 09.0011U	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10	

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-7; 61241-0; 61241-1
Product Standards	—
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Key Release Mushroom Head Push Button



UC0R  
(rail mounted)



UC0P  
(panel mounted)



Contact Block

### Features:

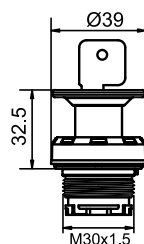
- Can be equipped with up to 2 contact blocks UCB series.
- ATEX and IEC certified.
- TS35 rail mounted.
- Panel mounted.

### Standard Materials:

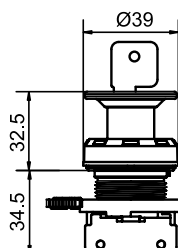
- Thermosetting plastic body.
- EPDM seal.

### Dimensions (mm):

#### Rail mounted:



#### Panel mounted:



### Ordering Information:

#### Key Release Mushroom Head Push Button (contact block to be ordered separately)

Color	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
Red	UC0R (098302)	UC0P	Rail mounted: 0.085	0.09	1
			Panel mounted: 0.096	0.25	

Legend plates, guards and blanking plugs (see accessories page)

### 1-Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

### Spare Parts

Spare key (type 4 A 185)	SK4A185	/	/	1
Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1

### Compliances:

Hazardous Area	Gas	Dust
Certified Type	AUX	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	0081ⓘ II 2 G	0081ⓘ II2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21
Symbol of Protection IEC		
Service Temperature	-20°C to +70°C	
CE Declaration of Conformity	5C206	
ATEX Certificate	LCIE 00 ATEX 0002U	
IEC Certificate	LCIE Ex 00.012U	
Other Certifications	UL, GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	7 Joules	

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-7; 61241-0; 61241-1
Product Standards	–
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Key Impulse Push Button



UE0R  
(rail mounted)



UE0P  
(panel mounted)



Contact Block

### Features:

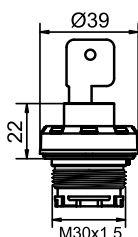
- Can be equipped with up to 2 contact blocks UCB series.
- ATEX and IEC certified.
- TS35 rail mounted.
- Panel mounted.

### Standard Materials:

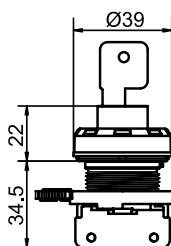
- Thermosetting plastic body.
- EPDM seal.

### Dimensions (mm):

#### Rail mounted:



#### Panel mounted:



### Ordering Information:

#### Key Impulse Push Button (contact block to be ordered separately)

Description	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
Key removable in both positions	UE0R (098320)	UE0P	Rail mounted: 0.080	0.08	1
Key removable in ON position	UF0R (098321)	UF0P			1
Key removable in Off position	UG0R (098322)	UG0P	Panel mounted: 0.093	0.20	1

Legend plates, guards and blanking plugs (see accessories page).

### 1-Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

### Spare Parts

Spare key (type 4 A 185)	SK4A185	/	/	1
Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1

### Compliances:

Hazardous Area	Gas	Dust
Certified Type	AUX	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	0081Ⓔ II 2 G	0081Ⓔ II2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21
Symbol of Protection IEC		
Service Temperature	-55°C to +70°C	
CE Declaration of Conformity	5C206	
ATEX Certificate	LCIE 00 ATEX 0002U	
IEC Certificate	LCIE Ex 00.012U	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	7 Joules	

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-7; 61241-0; 61241-1
Product Standards	—
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Rotary Actuator



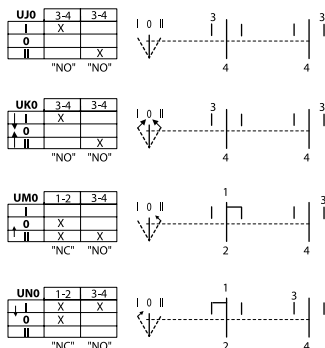
### Features:

- Can be equipped with up to 3 contact blocks UCB series.
- ATEX and IEC certified.
- TS35 rail mounted.
- Panel mounted.

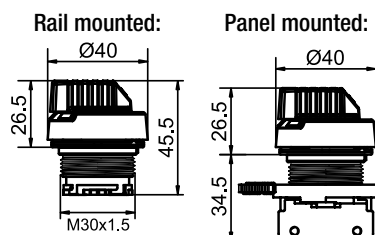
### Standard Materials:

- Polyamide body.
- EPDM seal.

### Wiring Diagram:



### Dimensions (mm):



### Ordering Information:

#### 2-Position Rotary Actuator (contact block to be ordered separately)

2-Positions Selector Switch (0-I)	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
2 maintained positions	UHOR	UHOP	Rail mounted: 0.038 Panel mounted: 0.051	0.09 0.22	1

#### 3-Position Rotary Actuator (contact block to be ordered separately)

3-Positions Selector Switch (I-O-II)	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
I and II position maintained (I-O-II)	UJOR	UJOP			1
I and II spring return to O (I->O<-II)	UKOR	UKOP	Rail mounted: 0.038 Panel mounted: 0.051	0.09 0.22	1
I maintained, II spring return to O (I-O<-II)	UMOR	UMOP			1
I spring return to O, II maintained (I->O-II)	UNOR	UNOP			1

Legend plates, guards and blanking plugs (see accessories page).

#### 1 Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
1 x NO	UCB5R	UCB5P			
1 x NC	UCB9R	UCB9P	0.032	0.06	1

#### Spare Parts

Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1
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#### Compliances:

Hazardous Area	Gas	Dust
Certified Type	TCe	
Zones	1-2	21-22
Conforming to ATEX 94/9/CE	0081 Ex II 2 G	0081 Ex II 2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21
Symbol of Protection IEC		
Service Temperature	-40°C to +60°C	
CE Declaration of Conformity	5C242	
ATEX Certificate	LCIE 09 ATEX 3010U	
IECEx Certificate	IECEx LCI 09.0011U	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10	

#### Standards:

Ex Standards	EN / IEC 60079-0; 60079-7; 61241-0; 61241-1
Product Standards	-
Other Standards	EN / IEC 60529 (IP); 62262 (IK)



# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Illuminated Push Button



ULG0R  
(rail mounted)



ULG0P  
(panel mounted)



Contact Block



UIL08

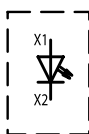
### Features:

- Can be equipped with up to 2 contact blocks UCB series (not supplied).
- Contact block and indicating lamp combined below one actuator.
- ATEX and IECEx certified.
- TS35 rail mounted.
- High intensity single LED light.
- Long lifetime over 100,000 hours.
- Panel mounted.

### Standard Materials:

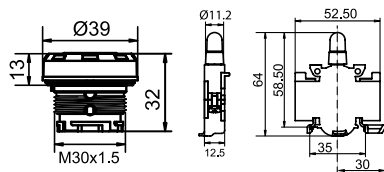
- Polyamide body.
- Polycarbonate lens.
- EPDM seal.

### Wiring Diagram:

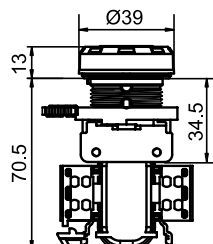


### Dimensions (mm):

#### Rail mounted:



#### Panel mounted:



### Ordering Information:

#### Spring Return Illuminated Push Button (contact block to be ordered separately)

Device Color	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
Green	ULG0R	ULG0P	Rail mounted: 0.062	0.26	1
Red	ULR0R	ULR0P			1
White	ULW0R	ULW0P			1
Blue	ULB0R	ULB0P	Panel mounted: 0.075	0.28	1
Yellow	ULY0R	ULY0P			1

Legend plates, guards, blanking plugs (see accessories page).

#### 1-Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm³)	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

#### Spare Parts

Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1
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#### Set of Five Spare Inserts

Marking	Color	REF	Weight (kg)	Volume (dm³)	Pack
(unmarked)	Green	UIL G	0.007	0.008	1
(unmarked)	Red	UIL R	0.007	0.008	1
(unmarked)	Yellow	UIL Y	0.007	0.008	1
(unmarked)	White	UIL W	0.007	0.008	1
(unmarked)	Blue	UIL B	0.007	0.008	1
ON	Green	UIL 01	0.007	0.008	1
OFF	Red	UIL 02	0.007	0.008	1
START	Green	UIL 03	0.007	0.008	1
STOP	Red	UIL 04	0.007	0.008	1
MARCHE	Green	UIL 05	0.007	0.008	1
ARRET	Red	UIL 06	0.007	0.008	1
I	Green	UIL 07	0.007	0.008	1
O	Red	UIL 08	0.007	0.008	1

### Technical Data:

Rated Operating Voltage (Ue)	12 Vac to 254 Vac 50/60 Hz & 12 Vdc to 60 Vdc
Terminal Connection	2.5 mm²
Operational Life	100,000 hours

### Compliances:

Compliances:	Actuator and Lens		Contact Block and Pilot Light	
Hazardous Area	Gas	Dust	Gas	Dust
Certified Type	TCe		CVe	
Zones	1–2	21–22	1–2	21–22
Conforming to 94/9/CE ATEX	0081Ⓢ II 2 G	0081Ⓢ II2 D	0081Ⓢ II 2 G	0081Ⓢ II2 D
Symbol of Protection ATEX	Ex e II	Ex tD A21	Ex de IIC	Ex tD A21
Symbol of Protection IEC				
Ambient Temperature	-40°C to +60°C		-40°C to +75°C	
CE Declaration of Conformity	5C242		5C243	
ATEX Certificate	LCIE 09 ATEX 3010U		LCIE 09 ATEX 3001U	
IECEx Certificate	IECEx LCI 09.0011U		IECEx LCI 09.0002U	
Other Certifications	GOST		GOST	
Index of Protection (solid and liquid)	IP66		NA	NA
Impact Resistance (shock)	IK10		NA	NA

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 61241-0; 61241-1
Product Standards	EN / IEC 60947-1
EMC Standards	-
Other Standards	EN / IEC 60529 (IP); 62262 (IK)



# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Pilot Lights



UPG0R  
(rail mounted)



UPG0P  
(panel mounted)

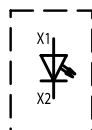
### Features:

- ATEX and IECEx certified.
- TS35 rail mounted.
- Panel mounted.
- High intensity single LED light.
- Long life time over 100,000 hours.

### Standard Materials:

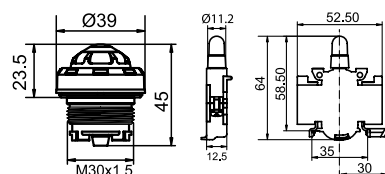
- Polyamide body.
- Polycarbonate lens.
- EPDM seal.

### Wiring Diagram:

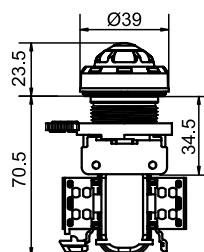


### Dimensions (mm):

#### Rail mounted:



#### Panel mounted:



### Ordering Information:

#### Pilot Light

12 Vac to 254 Vac 50/60 Hz 12 Vdc to 60 Vdc

Device Color	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
Green	UPG0R	UPG0P	Rail mounted: 0.056	0.29	1
Red	UPR0R	UPR0P			1
White	UPW0R	UPW0P			1
Blue	UPB0R	UPB0P	Panel mounted: 0.069	0.31	1
Yellow	UPY0R	UPY0P			1

Legend plates and blanking plugs (see accessories page).

### Spare Parts

Rail to panel mounted conversion adaptor	UPMA	0.020	0.08	1
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### Spare Lenses

Device Color	Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
Green	UPGL	0.030	0.06	1
Red	UPRL	0.030	0.06	1
White	UPWL	0.030	0.06	1
Blue	UPBL	0.030	0.06	1
Yellow	UPYL	0.030	0.06	1

### Technical Data:

Rated Operating Voltage (Ue)	12 Vac to 254 Vac 50/60 Hz & 12 Vdc to 60 Vdc
Terminal Connection	2 x 2.5 mm <sup>2</sup>
Operational Life	100,000 hours

### Compliances:

Compliances:	Actuator and Lens		Contact Block and Pilot Light			
Hazardous Area	Gas	Dust	Gas	Dust		
Certified Type	TCe		CVe			
Zones	1–2	21–22	1–2	21–22		
Conforming to 94/9/CE ATEX	0081Ⓔ II 2 G	0081Ⓔ II2 D	0081Ⓔ II 2 G	0081Ⓔ II2 D		
Symbol of Protection ATEX	Ex e II	Ex tD A21	Ex de IIC	Ex tD A21		
Symbol of Protection IEC						
Ambient Temperature	-40°C to +60°C		-40°C to +75°C			
CE Declaration of Conformity	5C242		5C243			
ATEX Certificate	LCIE 09 ATEX 3010U		LCIE 09 ATEX 3001U			
IECEx Certificate	IECEx LCI 09.0011U		IECEx LCI 09.0002U			
Other Certifications	GOST		GOST			
Index of Protection (solid and liquid)	IP66		NA	NA		
Impact Resistance (shock)	IK10		NA	NA		

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 61241-0; 61241-1
Product Standards	EN / IEC 60947-1
EMC Standards	-
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: 1 Pole Contact Block

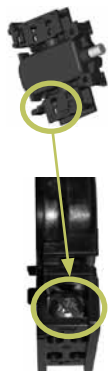
Rail Mounted



UCB5R  
(rail mounted)

Front Access

Panel Mounted



UCB5P  
(panel mounted)

Rear Access

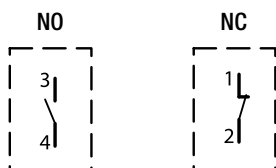
### Features:

- ATEX and IECEx certified.
- TS35 rail mounted.
- Panel mounted.
- High performance contact block suitable for low intensity (less than 5mA).

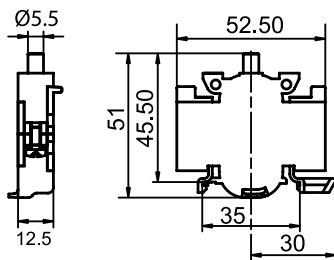
### Standard Materials:

- Polyamide body.
- Silver alloy contact.

### Wiring Diagram:



### Dimensions (mm):



### Ordering Information:



#### 1-Pole Contact Blocks

Contacts	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Weight (kg)	Volume (dm <sup>3</sup> )	Pack
1 x NO	UCB5R	UCB5P	0.032	0.06	1
1 x NC	UCB9R	UCB9P			

### Technical Data:

Rated Operating Voltage (Ue)	500 Vac – 110 Vdc
Switching capacity	
AC 12	16 A / 400 V
AC 14	10 A / 400V
AC 15	6 A / 500 V
DC 13	2 A / 24 V and 1 A / 110 V
Terminal connections	2 x 2.5 mm <sup>2</sup>
Operational life	100,000 operations

### Compliances:

Hazardous Area	Gas	Dust	
Certified Type	CVe		
Zones	1–2	21–22	
Conforming to ATEX 94/9/CE	0081  II 2 G	0081  II 2 D	
Symbol of Protection ATEX	Ex de IIC	Ex tD A21	
Symbol of Protection IEC			
Service Temperature	-40°C to +75°C		
CE Declaration of Conformity	5C243		
ATEX Certificate	LCIE 09 ATEX 3001U		
IECEx Certificate	IECEx LCI 09.0002U		
Other Certifications	GOST		
Index of Protection (solid and liquid)	NA		
Impact Resistance (shock)	NA		

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 61241-0; 61241-1
Product Standards	EN / IEC 60947-1; 60947-5
EMC Standards	–
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: 16 A Switches



**US30R**  
(rail mounted)



**US30P**  
(panel mounted)

### Features:

- ATEX and IECEx certified.
- 1 to 4 pole switches.
- TS35 rail mounted.
- Panel mounted.

### Standard Materials:

- Polyamide.
- Neoprene sealing material.



**USH2R**  
(rail mounted)



**USH2P / USH3P  
USH4P**  
(panel mounted)

### Features:

- Padlockable.
- Can be equipped with switch and changeover switch contact blocks.
- ATEX and IECEx certified.

### Standard Materials:

- Polyamide.

### Ordering Information:

Two Contact Switches (handle to be ordered separately)

Description	Wiring Diagram	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Pack
2-pole switch		<b>US32R</b> (098654)	<b>US32P</b> (098855)	1
2 ways 1-pole Selector switch		<b>US30R</b> (098652)	<b>US30P</b> (098853)	1
3 ways 1-pole Selector switch		<b>US31R</b> (098653)	<b>US31P</b> (098854)	1
3 ways 1-pole Selector switch with spring return from 135° to 90°		<b>US33R</b>	<b>US33P</b>	1
3 ways 1-pole Selector switch with spring return from 45° to 90°		<b>US34R</b>	<b>US34P</b>	1
Padlockable handle		<b>USH2R</b> (098658)	<b>USH2P</b> (098851)	1

### Three or Four Contact Switches (handle to be ordered separately)

Description	Wiring Diagram	Rail Mounted Catalog Number	Panel Mounted Catalog Number	Pack
4-pole switch		<b>US35R</b>	<b>US35P</b>	1
3 ways 2-pole Selector switch		<b>US36R</b>	<b>US36P</b>	1
2 ways 2-pole Selector switch		<b>US37R</b>	<b>US37P</b>	1
3 ways 2 pole Selector switch with spring return from 45° to 90°		<b>US38R</b>	<b>US38P</b>	1
3 ways 2-pole Selector switch with spring return from 135° to 90°		<b>US39R</b>	<b>US39P</b>	1
Padlockable handle for rail mounted			<b>USH2R</b>	1
Padlockable handle for panel mounted				
For stainless steel enclosures ECES Series			<b>USH3P</b>	1
For polyester or aluminum enclosures ECEP & ECEA Series			<b>USH4P</b>	1

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: 16 A Switches



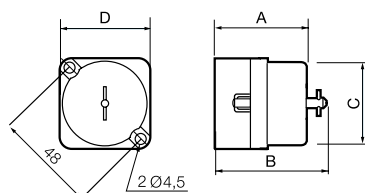
US30R  
(rail mounted)



US30P  
(panel mounted)

Dimensions (mm):

### Changeover Switch / Switch



	A	B	C	D
2 Contacts	47.5	65	48	45
3 & 4 Contacts	60.5	73	48	45

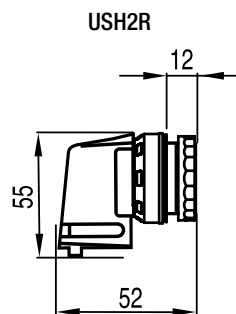


USH2R  
(rail mounted)

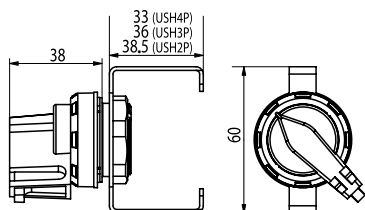


USH2P  
(panel mounted)

Dimensions (mm):



### USH2P / USH3P / USH4P




### Technical Data:

Insulation Voltage (Ui)	750 V
Rated Operating Voltage (Ue)	AC 1: 690 V +/-5% – DC 1: 110 V
Rated Operating Current (Ie)	max. 16 A
Switching capacity	
AC 1	16 A / 690 V
AC 15	16 A / 415 V
AC 3	8A 500 V and 4 A / 690 V
DC 1	10 A / 24 V; 6 A / 60 V
DC 1	6 A / 110 V (1) and 6 A / 220 V (2)
Terminal connections (flexible / solid)	1.5 to 2.5 mm <sup>2</sup> / 1.5 to 4 mm <sup>2</sup>
Operational life	1,000,000 operations

(1) for 110 V 2 contacts connected in series.  
(2) for 220 V 3 contacts connected in series.

### Compliances: Switches

Hazardous Area	Gas	Dust
Certified Type	8008/2	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	0102  II 2 G	Authorized to be used in an approved dustproof enclosure
Symbol of Protection ATEX	Ex de IIC	
Symbol of Protection IEC		
Service Temperature	-55°C to +100°C	
CE Declaration of Conformity	5C243	
ATEX Certificate	PTB 00 ATEX 1111U	
IECEx Certificate	IECEx PTB 06.0010U	
Other Certifications	CSA, UL, FM	
Index of Protection (solid and liquid)	NA	
Impact Resistance (shock)	NA	

### Compliances: Handles

Hazardous Area	Gas	Dust	
Certified Type	AUXe		
Zones	1–2	21–22	
Conforming to ATEX 94/9/CE	0081 Ⓜ II 2 G	0081 Ⓜ II 2 D	
Symbol of Protection ATEX	Ex e II	Ex tD A21	
Symbol of Protection IEC			
Service Temperature	-20°C to +75°C		
CE Declaration of Conformity	5C221		
ATEX Certificate	LCIE 03 ATEX 0012U		
IECEx Certificate	LCIE Ex 03.011U		
Other Certifications	GOST		
Index of Protection (solid and liquid)	IP66		
Impact Resistance (shock)	IK10		

### Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 61241-0; 61241-1
Product Standards	EN / IEC 60947-1; 60947-4; 60947-5
EMC Standards	–
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

# Control Stations & Switches: Components for Increased Safety Enclosures

## Unicode 2 Series: Accessories

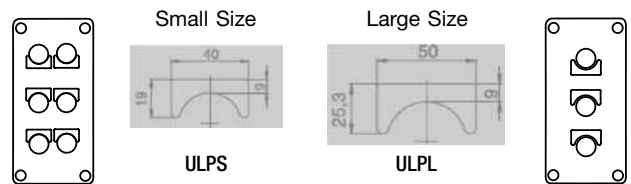
### Accessories:

#### Standard Legend Plates

Self-adhesive yellow laminated plastic (black lettering)


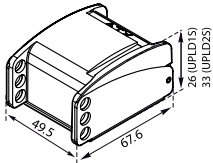



Text	Small	Large	Pack
Blank (set of 10)	ULPS	ULPL	1
ON	ULPSA 01	ULPLA 01	1
OFF	ULPSA 02	ULPLA 02	1
FORWARD	ULPSA 03	ULPLA 03	1
REVERSE	ULPSA 04	ULPLA 04	1
JOG	ULPSA 05	ULPLA 05	1
RUN	ULPSA 06	ULPLA 06	1
START	ULPSA 07	ULPLA 07	1
STOP	ULPSA 08	ULPLA 08	1
UP	ULPSA 09	ULPLA 09	1
DOWN	ULPSA 10	ULPLA 10	1
FAST	ULPSA 11	ULPLA 11	1
SLOW	ULPSA 12	ULPLA 12	1
RAISE	ULPSA 13	ULPLA 13	1
LOWER	ULPSA 14	ULPLA 14	1
OPEN	ULPSA 15	ULPLA 15	1
CLOSE	ULPSA 16	ULPLA 16	1
LOW	ULPSA 17	ULPLA 17	1
HIGH	ULPSA 18	ULPLA 18	1
TEST	ULPSA 19	ULPLA 19	1
RESET	ULPSA 20	ULPLA 20	1
EMERGENCY STOP	ULPSA 21	ULPLA 21	1
MARCHE	ULPSA 22	ULPLA 22	1
ARRET	ULPSA 23	ULPLA 23	1
ARRET D'URGENCE	ULPSA 24	ULPLA 24	1
HAUT	ULPSA 25	ULPLA 25	1
BAS	ULPSA 26	ULPLA 26	1

#### Two Sizes Available



Text	Small	Large	Pack
O - I	ULPSH 01	ULPLH 01	1
ON - OFF	ULPSH 02	ULPLH 02	1
START - STOP	ULPSH 03	ULPLH 03	1
STOP - START	ULPSH 04	ULPLH 04	1
HAND - AUTO	ULPSH 05	ULPLH 05	1
MANU - AUTO	ULPSH 06	ULPLH 06	1
FORWARD - REVERSE	ULPSH 07	ULPLH 07	1
REMOTE - LOCAL	ULPSH 08	ULPLH 08	1
MARCHE - ARRET	ULPSH 09	ULPLH 09	1

Text	Small	Large	Pack
I - O - II	ULPSJ 01	ULPLJ 01	1
OFF - O - ON	ULPSJ 02	ULPLJ 02	1
START - NORMAL - STOP	ULPSJ 03	ULPLJ 03	1
HAND - OFF - AUTO	ULPSJ 04	ULPLJ 04	1
MANU - O - AUTO	ULPSJ 05	ULPLJ 05	1
FORWARD - OFF - REVERSE	ULPSJ 06	ULPLJ 06	1
LOCAL - REMOTE - AUTO	ULPSJ 07	ULPLJ 07	1
LOCAL - O - REMOTE	ULPSJ 08	ULPLJ 08	1
MARCHE - NORMAL - ARRET	ULPSJ 09	ULPLJ 09	1

Description	Catalog Number
 <b>Yellow Guard</b> Mushroom head protection for emergency stop	098657
 <b>Padlockable Guard</b> Stainless steel body and plastic cover. Capacity: 3 padlocks dia. 6mm maximum (not supplied) For push button and rotary actuator	UPLD1S
 For mushroom head actuator	UPLD2S
 <b>Cover Blanking Plug</b> for cover drilling (dia. 30.5 mm)	UBP
 <b>Adaptor</b> Rail to panel mounted conversion adaptor	UPMA