

# Unicode™ 2 Series Push Buttons

## Components for Increased Safety Enclosures

**NEC/CEC:**  
 Class I, Division 2, Groups A, B, C, D  
 Class I, Zone 1, AEx de IIC  
 Class I, Zone 1, AEx e IIC

**NEC/CEC:**  
 Class II, Division 2, Groups F, G  
 Class III  
 Type 4X/IP66 ①

**ATEX/IECEX:**  
 Zone 1 and 2 – 21 and 22  
 Ⓢ II 2 GD  
 IP66 – IK10

CONTROLS: NEC/CEC, ATEX/IECEX INCREASED SAFETY CONTROL STATIONS

### Features

- Can be equipped with up to three Unicode 2 Series Contact Blocks (UCB) Series contact blocks.
- Globally certified.
- Available in TS35 rail mounted or panel mounted.

### Standard Materials

- Body: polyamide
- Seal: ethylene propylene diene Monomer (M-class) rubber (EPDM)

### NEC/CEC Certifications and Compliances

- Certification Type TCe
  - Operating Temperature: -40 °C to +60 °C (-40 °F to +140 °F)
  - Ingress Protection (solid and liquid): IP66 and Type 4X ①
  - CAN/CSA Standards: C22.2 No. 0-M91, No. 14-05, No. 94-M91, No. 213-M1987, No. 60079-0:07, No. 60079-1:07, No. 60529:05, E60079-7-03, E61241-1-1:02
  - UL Standards: UL 508, UL 50E, UL 60079-0, UL 60079-1, UL 60079-7
  - Other Standards: ANSI/ISA 12.12.01-2011, ANSI/ISA 61241-0 (12.10.02)-2006, ANSI/ISA 61241-1(12.10.03)-2006
  - CSA Certificate: 2358701

### ATEX/IECEX Certifications and Compliances

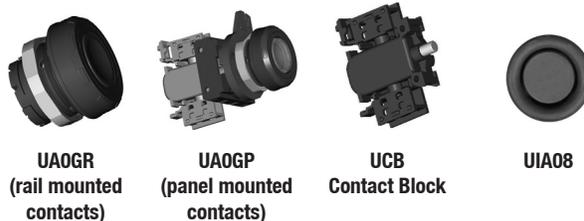
- Certification Type TCe
  - Gas: Zone 1 and 2
    - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
    - Type of Protection: Ex e IIC Gb
  - Dust: Zone 21 and 22
    - Conforming to ATEX 94/9/CE: Ⓢ II 2 D
    - Type of Protection: Ex tb IIIC Db
- Surface Temperature: -40 °C to +60 °C (-40 °F to +140 °F)
- CE Declaration of Conformity: 5C242
- ATEX Certificate: LCIE 09 ATEX 3010U
- IECEx Certificate: IECEx LCI 09.0011U
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10

### EURASEC Certification

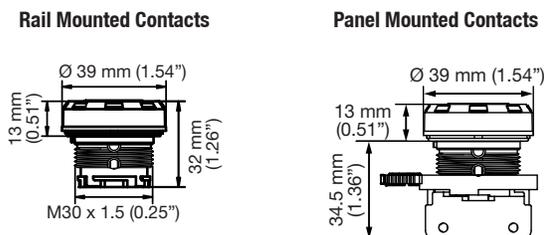
- EURASEC RU C-FR. Г505.В00909

### Other Certification ②

- INMETRO Certificate: BVC 10.0044-U



### Dimensions in Millimeters (Inches)



① Overall hazardous location and ingress protection rating depends on the rating of the optional certified components used.  
 ② INMETRO certification available on special request only. Contact your local sales representative for more information.

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Class I, Zone 1, AEx de IIC  
Class I, Zone 1, AEx e IIC

**NEC/CEC:**  
Class II, Division 2, Groups F, G  
Class III  
Type 4X/IP66 ①

**ATEX/IECEX:**  
Zone 1 and 2 – 21 and 22  
II 2 GD  
IP66 – IK10

	Weight in Kilograms (Pounds)		Volume dm <sup>3</sup> (in <sup>3</sup> )		Pack	Catalog Number	
	Rail Mounted	Panel Mounted	Rail Mounted	Panel Mounted		Rail Mounted	Panel Mounted
<b>Spring Return - Push Button (contact block to be ordered separately)</b> For legend plates, guards and blanking plugs see accessories pages.							
Red + Green	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0RGR</b>	<b>UA0RGP</b>
Green	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0GR</b>	<b>UA0GP</b>
Red	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0RR</b>	<b>UA0RP</b>
White	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0WR</b>	<b>UA0WP</b>
Blue	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0BR</b>	<b>UA0BP</b>
Yellow	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0YR</b>	<b>UA0YP</b>
Black	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	<b>UA0NR</b>	<b>UA0NP</b>
<b>1-Pole Contact Blocks</b>							
1 x NO	0.032 (0.071)		0.06 (3.66)		1	<b>UCB5R</b>	<b>UCB5P</b>
1 x NC						<b>UCB9R</b>	<b>UCB9P</b>
<b>Spare Parts</b>							
Rail to panel mounted conversion adaptor	0.02 (0.04)		0.08 (4.88)		1		<b>UPMA</b>

Marking	Color	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Pack	Catalog Number
<b>Set of Five Spare Inserts</b>					
(unmarked)	Green	0.01 (0.02)	0.01 (0.61)	1	<b>UIAG</b>
(unmarked)	Red	0.01 (0.02)	0.01 (0.61)	1	<b>UIAR</b>
(unmarked)	Yellow	0.01 (0.02)	0.01 (0.61)	1	<b>UIAY</b>
(unmarked)	White	0.01 (0.02)	0.01 (0.61)	1	<b>UIAW</b>
(unmarked)	Blue	0.01 (0.02)	0.01 (0.61)	1	<b>UIAB</b>
(unmarked)	Black	0.01 (0.02)	0.01 (0.61)	1	<b>UIAN</b>
ON	Green	0.01 (0.02)	0.01 (0.61)	1	<b>UIA01</b>
OFF	Red	0.01 (0.02)	0.01 (0.61)	1	<b>UIA02</b>
START	Green	0.01 (0.02)	0.01 (0.61)	1	<b>UIA03</b>
STOP	Red	0.01 (0.02)	0.01 (0.61)	1	<b>UIA04</b>
MARCHE	Green	0.01 (0.02)	0.01 (0.61)	1	<b>UIA05</b>
ARRET	Red	0.01 (0.02)	0.01 (0.61)	1	<b>UIA06</b>
I	Green	0.01 (0.02)	0.01 (0.61)	1	<b>UIA07</b>
O	Red	0.01 (0.02)	0.01 (0.61)	1	<b>UIA08</b>

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**APPLETON™**