

# Unicode™ 2 Series Key Momentary Push Buttons

## Components for Increased Safety Enclosures

### NEC/CEC:

Class I, Division 2 Groups A, B, C, D  
 Class I, Zone 1, Ex e d IIC Gb  
 Class I, Zone 1, AEx e d IIC Gb  
 Class II, Division 1, Groups E, F, G

### NEC/CEC:

Class II, Zone 21, Ex tb IIIC Db  
 Class II, Zone 21, AEx t IIIC Db  
 Class III, Division 1  
 IP6X

### 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) contact blocks.
- Globally certified.
- Available in TS35 rail mounted or panel mounted.

### Standard Materials

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

### NEC/CEC Certifications and Compliances

- Certification Type AUX
  - Rated Ambient Temperature: -55 °C to +70 °C (-67 °F to +158 °F)
- UL Standards: UL No. 61010-1 (2nd Edition), UL 60079-0 (5th Edition 2009), UL 60079-1 (6th Edition 2009), UL 60079-7 (Ed 4th 2008), UL 60079-31:2009
- UL Certificate: E184198
- CAN/CSA Standards: C22.2 No. 0-10, C22.2 No. 61010-1-04, C22.2 No 213 (2nd Edition), C22.2 No. 60079-0:07, C22.2 No. 60079-1:07, No. 60079-7:03, No. 60079-31:12, E61241-1-1:02, C22.2 No. 60529:05 (R 2010)
- CSA Certificate: 2661552
- Other Standards: ANSI/ISA-12.12.01 (2013), ANSI/ISA-61241-0 (12.10.02)-2006 (R2011), ANSI/ISA-61241-1 (12.10.03)-2006 (R2011), ANSI/IEC 60529-2004

### ATEX Certifications and Compliances

- Certification Type AUX
  - Gas: Zone 1 and 2
    - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
    - Type of Protection: Ex e II
  - Dust: Zone 21 and 22
    - Conforming to ATEX 94/9/CE: Ⓢ II 2 D
    - Type of Protection: Ex tD A21
- Surface Temperature: -20 °C to +70 °C (-4 °F to +158 °F)
- CE Declaration of Conformity: 5C206
- ATEX Certificate: LCIE 00 ATEX 0002U
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): 7 Joules

### EURASEC Certification

- EURASEC RU C-FR. Г505.В00909

### Other Certification ①

- INMETRO Certificate: BVC 11.0644-U



**UEOR**  
(rail mounted contacts)



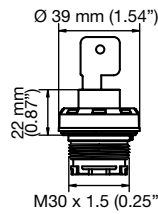
**UEOP**  
(panel mounted contacts)



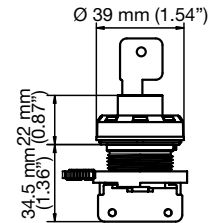
**UCB**  
Contact Block

### Dimensions in Millimeters (Inches)

#### Rail Mounted Contacts



#### Panel Mounted Contacts



① INMETRO certification available on special request only. Contact your local sales representative for more information.

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**ATEX/IECEX:**

Zone 1 and 2 – 21 and 22  
 II 2 GD  
 IP66 - IK10

	Weight kg (lb)		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>Key Momentary Push Button (contact block to be ordered separately)</b>							
<i>For legend plates, guards and blanking plugs see accessories page.</i>							
Key removable in both positions	0.080 (0.176)	0.093 (0.205)	0.08 (4.88)	0.20 (12.20)	1	<b>UE0R</b>	<b>UE0P</b>
Key removable in ON positions	0.080 (0.176)	0.093 (0.205)	0.08 (4.88)	0.20 (12.20)	1	<b>UF0R</b>	<b>UF0P</b>
Key removable in OFF positions	0.080 (0.176)	0.093 (0.205)	0.08 (4.88)	0.20 (12.20)	1	<b>UG0R</b>	<b>UG0P</b>
<b>1-Pole Contact Blocks</b>							
1 x NO						<b>UCB5R</b>	<b>UCB5P</b>
1 x NC	0.032 (0.071)		0.06 (3.66)		1	<b>UCB9R</b>	<b>UCB9P</b>
<b>Spare Parts</b>							
Spare key (type 4A 185)		—		—		<b>SK4A185</b>	<b>SK4A185</b>
Rail to panel mounted conversion adaptor	0.02 (0.04)		0.08 (4.88)		1	—	<b>UPMA</b>

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