Unicode™ 2 Series Key Release Mushroom 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
  ⟨Ex⟩ *II 2 GD*
  IP66 - IK10

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: ⟨Ex⟩ II 2 G
    – Type of Protection: Ex e II
  — Dust: Zone 21 and 22
    – Conforming to ATEX 94/9/CE: ⟨Ex⟩ II2 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. ГБ05.B00909

Other Certification ①

- INMETRO Certificate: BVC 11.0644-U
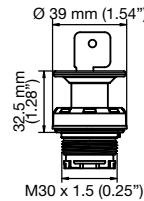

UCOR
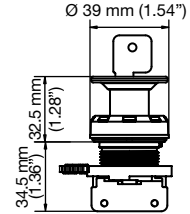**(rail mounted contacts)**

UCOP
(panel mounted contacts)

UCB
Contact Block

Dimensions in Millimeters (Inches)

Rail Mounted Contacts	Panel Mounted Contacts

Ø 39 mm (1.54")
32.5 mm (1.28")
M30 x 1.5 (0.25")

Ø 39 mm (1.54")
32.5 mm (1.28")
34.5 mm (1.36")

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

EMERSON

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	Weight kg (lb)		Volume dm³ (in³)			Catalog Number	
	Rail Mounted	**Panel Mounted**	**Rail Mounted**	**Panel Mounted**	**Pack**	**Rail Mounted**	**Panel Mounted**
Key Release Mushroom Head Push Button (contact block to be ordered separately)							
For legend plates, guards and blanking plugs see accessories page.							
Red	0.085 (0.183)	0.096 (0.212)	0.09 (5.49)	0.25 (15.26)	1	**UC0R**	**UC0P**
1-Pole Contact Blocks							
1 x NO						**UCB5R**	**UCB5P**
1 x NC	0.032 (0.071)		0.06 (3.66)		1	**UCB9R**	**UCB9P**
Spare Parts							
Spare key (type 4A 185)	—		—			**SK4A185**	**SK4A185**
Rail to panel mounted conversion adaptor	0.02 (0.04)		0.08 (4.88)		1	—	**UPMA**

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

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