

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

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

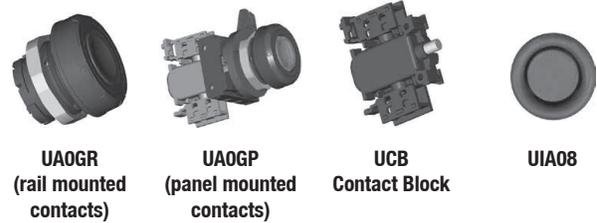
- Certification Type TCe
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓜ II 2 G
 - Type of Protection: Ex e IIC Gb
 - Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: Ⓜ II 2 D
 - Type of Protection: Ex tb IIIC Db
- Surface Temperature: -40 °C to +60 °C (-40 °F to +140 °F)
- CE Declaration of 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

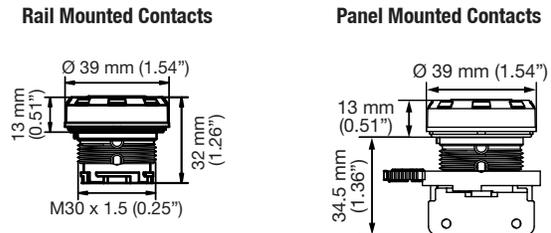
- EURASEC RU C-FR. Г505.В00909

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.

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
Class II 2 GD
IP66 – IK10

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

	Weight in Kilograms (Pounds)		Volume dm ³ (in ³)		Pack	Catalog Number	
	Rail Mounted	Panel Mounted	Rail Mounted	Panel Mounted		Rail Mounted	Panel Mounted
Spring Return - Push Button (contact block to be ordered separately) 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	UA0RGR	UA0RGP
Green	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	UA0GR	UA0GP
Red	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	UA0RR	UA0RP
White	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	UA0WR	UA0WP
Blue	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	UA0BR	UA0BP
Yellow	0.03 (0.06)	0.05 (0.11)	0.06 (3.66)	0.17 (10.37)	1	UA0YR	UA0YP
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							
Rail to panel mounted conversion adaptor	0.02 (0.04)		0.08 (4.88)		1		UPMA

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

① Overall hazardous location and ingress protection rating depends on the rating of the optional certified components used.