

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

NEC:
 Class I, Division 2, Groups A, B, C, D
 Class II, Groups F, G
 Class III
 Ex de IIC/DIP A21
 IP66, Type 4X^①

CEC:
 Class I, Division 2, Groups A, B, C, D
 Class II, Groups F, G
 Class III; Type 4X^①
 Class I, Zone 1, AEx de IIC/ AEx tD 21
 IP66

ATEX/IECEx:
 Zone 1 and 2 – 21 and 22
 II 2 GD
 Ex de IIC/Ex demb IIC/ Ex tD A21
 IP66 – IK10

Applications

- Local control stations and motor control stations for use in hazardous areas covering the broadest possible range of applications.
- Control of equipment at:
 - Power plants
 - Chemical and petrochemical plants
 - Petroleum refineries
 - Reverse osmosis plants
 - Pulp and paper processing plants
 - Various industrial applications
- Push buttons and selector switches are used in conjunction with contactors or magnetic starters for remote control of motors in hazardous locations. They provide circuit control and/or selection.
- Pilot lights provide visual assurance that an electrical function is being performed at a remote or hazardous location.
- For use in washdown areas.

Features

- Employs Ex de method of protection which eliminates the need for external seals.
- Operators include push buttons, illuminated push buttons, selector switches, control and load break switches and LED pilot lights.
- Pilot light employs high intensity single LED with lifetime of 100,000 hours that can be used at:
 - 12 Vac to 254 Vac 50/60 Hz
 - 12 Vdc to 60 Vdc
- Up to 3 contact blocks per actuator can be used.
- Contact block technical data:
 - IEC rated operating voltage (Ue): 500 Vac – 110 Vdc
 - IEC switching capacity:
 - AC12: 16 Amp/400 Vac
 - AC14: 10 Amp/400 Vac
 - AC15: 6 Amp/500 Vac
 - DC13: 2 Amp/24 Vdc and 1 Amp/110 Vdc
 - NEMA switching capacity: A600: 10 Amp/600 Vac
- Selector switch technical data:
 - IEC rated operating voltage: 690 Vac
 - IEC rated operating current: maximum 16 Amp
 - IEC switching capacity:
 - AC1: 16 Amp/690 Vac
 - AC15: 16 Amp/415 Vac
 - AC3: 8 Amp/500 Vac
 - AC3: 4 Amp/690 Vac
 - AC3: 16 Amp/690 Vac
 - DC1: 10 Amp/24 Vdc
 - DC1: 6 Amp/60 Vdc
 - DC1: 6 Amp/110 Vdc (2 contacts wired in series)
 - DC1: 6 Amp/220 Vdc (3 contacts in series)
 - NEMA switching capacity: A600: 10 Amp/600 Vac
- Enclosures are rated for IP66 with firmly secured gasket.
- Operators and contact blocks are spaced for easy wiring.
- Wide selection of termination methods available.
- Choice of DIN rail mounted high performance contact block suitable for low intensity (less than 5 mA).
- TS35 rail mounted components are held securely in place during operation and easily removed for service.



U22W2PGA5

- Brass Inserts are provided for TS35 DIN rails or mounting plates to be installed inside the enclosure.
- Captive, corrosion resistant stainless steel cover screws.

Standard Materials

- Body and cover: fiberglass reinforced polyester (FRP) with black finish
- Cover screws: 316 stainless steel

Accessories

- Key for changing actuator blocks.
- Guard for mushroom head actuator.
- Padlockable guard.
- M5 and M6 earth stud.
- Combination drain and breather available in brass, polyamide and stainless steel.

Options

- Nameplates: Stainless Steel or Lamacoid with different color combinations.
- Padlocking facility at left, center, right or any position on selector switches.
- Padlocking facility for momentary and maintained push buttons.
- Special contact arrangements available, see *Unicode™ 2 Series Customized Control Stations*.

NEC/CEC Certifications and Compliances

- Certification Type CSPe
 - Temperature Class: T5 or T6
 - Ambient Temperature: -55°C to +60°C (-67°F to +140°F)
 - CAN/CSA Standards: C22.2 No. 0-M91, No. 25-M66, No. 213-M1987, No. 94-M91, No. 60079-0:07, No. 60529-2005, E60079-7-2003
 - UL Standards: 60079-0, 60079-7, 50
 - Other Standards: ANSI/IEC 60529-2004, ANSI/ISA 12.12.01-2011
 - cCSAus Certificate: 2356952

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

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

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ATEX/IECEx:

Zone 1 and 2 – 21 and 22
Ex II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

ATEX/IECEx Certification and Compliances

- Certification Type CSPe
 - Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ex II 2 G
 - Type of Protection: Ex de IIC/Ex demb IIC
 - Temperature Class: T6
 - Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: Ex II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T75 °C (T167 °F)
 - Ambient Temperature: -55 °C to +60 °C (-67°F to +140°F)
(empty enclosure, temperature to be determine according actuator)
 - CE Declaration of Conformity: 52084
 - ATEX Certificate: LCIE 00 ATEX 3032X
 - IECEx Certificate: IECEx LCI 09.0016X

EURASEC Certification

- Certification Type CSPe
 - EURASEC RU C-FR Г505.B.00911

Other Certification ②

- Certification Type CSPe
 - INMETRO Certificate: BVC 11.0637-X

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 Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

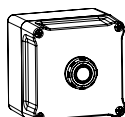
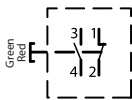
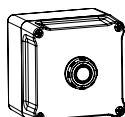
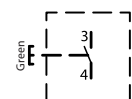
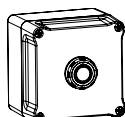
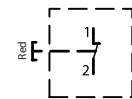
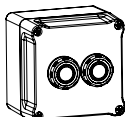
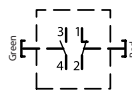
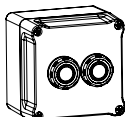
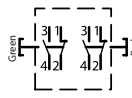
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ATEX/IECEx:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number		
Momentary Push Buttons								
 Green insert 'I' + red insert 'O' with 1NO + 1NC momentary contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2A3		
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4A3		
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3A3		
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3A3		
		 1x green push button 'I' with 1NO momentary contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2A5
					2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4A5
1 x 3/4"	1.0 (2.20)				4.0 (244.10)	U21Z3A5		
Feed-Thru	2 x 3/4"			1.0 (2.20)	4.0 (244.10)	U21X3A5		
 1x red push button 'O' with 1NC momentary contact				Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2A9
					2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4A9
		1 x 3/4"	1.0 (2.20)		4.0 (244.10)	U21Z3A9		
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3A9		
		Twin Momentary Push Buttons						
		 1x green push button 'I' with 1NO contact 1x red push button 'O' with 1NC contact momentary contacts		Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	U21W2A5A9
2 x M25	1.1 (2.43)				4.0 (244.10)	U21W4A5A9		
1 x 3/4"	1.1 (2.43)				4.0 (244.10)	U21Z3A5A9		
Feed-Thru	2 x 3/4"			1.1 (2.43)	4.0 (244.10)	U21X3A5A9		
 1x green push button 'I' with 1NO + 1NC contact 1x red push button 'O' with 1NO + 1NC contact momentary contacts				Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	U21W2A3A3
					2 x M25	1.1 (2.43)	4.0 (244.10)	U21W4A3A3
		1 x 3/4"	1.1 (2.43)		4.0 (244.10)	U21Z3A3A3		
		Feed-Thru	2 x 3/4"	1.1 (2.43)	4.0 (244.10)	U21X3A3A3		

Additional configurations available, please refer to Unicode 2 Series - Customized Control Stations section.

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② Not included if NPT hubs are selected.

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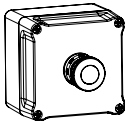
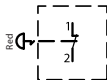
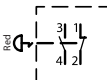
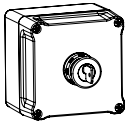
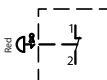
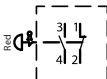
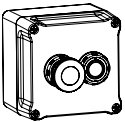
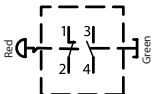
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ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
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IP66 – IK10

Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function		Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Emergency Stop							
	Red mushroom head push-pull 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2D9
				2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4D9
				1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3D9
	Red mushroom head push-pull 1NO + 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2D3
				2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4D3
				1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3D3
	Red mushroom head key release 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2C9
				2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4C9
				1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3C9
	Red mushroom head key release 1NO + 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2C3
				2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4C3
				1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3C3
	1x red mushroom head push-pull with 1NC maintained contact		Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	U21W2D9A5
				2 x M25	1.1 (2.43)	4.0 (244.10)	U21W4D9A5
				1 x 3/4"	1.1 (2.43)	4.0 (244.10)	U21Z3D9A5
	1x green push button 'I' with 1NO momentary contact		Feed-Thru	2 x 3/4"	1.1 (2.43)	4.0 (244.10)	U21X3D9A5

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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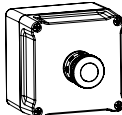
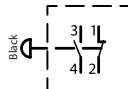
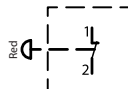
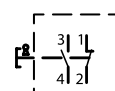
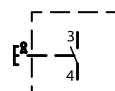
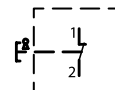
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IP66 – IK10

Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
Mushroom Head Push Button						
 Black mushroom head push button 1NO + 1NC momentary contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2B3
		Bottom	2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4B3
		Feed-Thru	1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3B3
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3B3
 Red mushroom head push button 1NC momentary contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2R9
		Bottom	2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4R9
		Feed-Thru	1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3R9
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3R9
Key Push Button						
 With key removable in both positions 1NO + 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2E3
		Bottom	2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4E3
		Feed-Thru	1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3E3
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3E3
 With key removable in both positions 1NO maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2E5
		Bottom	2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4E5
		Feed-Thru	1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3E5
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3E5
 With key removable in both positions 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2E9
		Bottom	2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4E9
		Feed-Thru	1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3E9
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3E9

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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② Not included if NPT hubs are selected.

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APPLETON™

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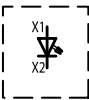
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Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Pilot Light						
1x red pilot light ③		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2PR
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4PR
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3PR
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3PR
1x green pilot light ③		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2PG
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4PG
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3PG
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3PG
1x blue pilot light ③		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2PB
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4PB
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3PB
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3PB
1x yellow pilot light ③		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2PY
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4PY
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3PY
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3PY
1x white pilot light ③		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2PW
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4PW
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3PW
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3PW

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

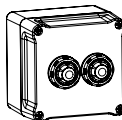
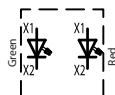
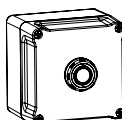
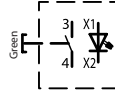
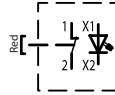
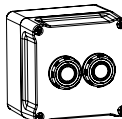
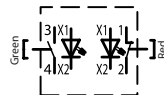
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
Twin Pilot Light						
 1x green pilot light ③ 1x red pilot light ③		Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	U21W2PGPR
			2 x M25	1.1 (2.43)	4.0 (244.10)	U21W4PGPR
			1 x 3/4"	1.1 (2.43)	4.0 (244.10)	U21Z3PGPR
		Feed-Thru	2 x 3/4"	1.1 (2.43)	4.0 (244.10)	U21X3PGPR
Illuminated Push Button						
 1x green illuminated push button with 1NO contact momentary contacts		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2LG5
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4LG5
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3LG5
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3LG5
 1x red illuminated push button with 1NC contact momentary contacts		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2LR9
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4LR9
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3LR9
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3LR9
Twin Illuminated Push Button						
 1x green illuminated push button with 1NO contact momentary contacts 1x red illuminated push button with 1NC contact momentary contacts		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2LG5LR9
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4LG5LR9
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3LG5LR9
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3LG5LR9

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

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

APPLETON™

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

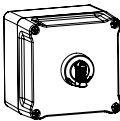
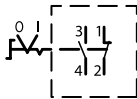
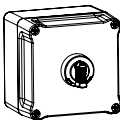
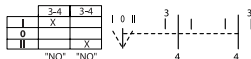
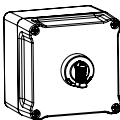
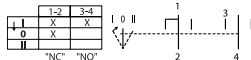
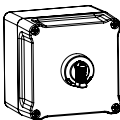
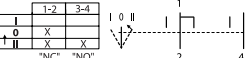
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 1 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
2-Position Selector Switch						
 2 fixed positions '0 - I' 1NO + 1NC contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2H3
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4H3
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3H3
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3H3
3-Position Selector Switch						
 3 fixed positions 'I - 0 - II' 2NO contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2J1
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4J1
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3J1
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3J1
 3 positions 'I - 0 - II' with spring return from I to 0 1NO + 1NC contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2N3
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4N3
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3N3
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3N3
 3 positions 'I - 0 - II' with spring return from II to 0 1NO + 1NC contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	U21W2M3
			2 x M25	1.0 (2.20)	4.0 (244.10)	U21W4M3
			1 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21Z3M3
		Feed-Thru	2 x 3/4"	1.0 (2.20)	4.0 (244.10)	U21X3M3

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

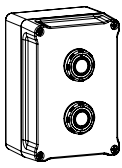
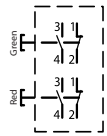
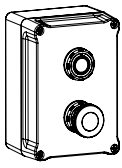
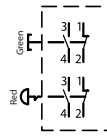
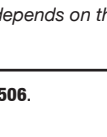
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X^①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X^①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 2 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ^②, 1 cable gland ^②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Twin Push Button						
 1x green push button 'I' with 1NO contact 1x red push button 'O' with 1NC contact momentary contacts		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A5A9
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A5A9
		1 x 3/4"	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3A5A9
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3A5A9
		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A3A3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A3A3
 1x green push button 'I' with 1NO + 1NC contact 1x red push button 'O' with 1NO + 1NC contact momentary contacts		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A5D9
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A5D9
		1 x 3/4"	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3A5D9
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3A5D9
		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A3D3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A3D3
 1x green push button 'I' with 1NO momentary contact 1x red mushroom head push-pull with 1NC maintained contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A5D9
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A5D9
		1 x 3/4"	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3A5D9
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3A5D9
		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A3D3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A3D3
 1x green push button 'I' with 1NO + 1NC momentary contact 1x red mushroom head push-pull with 1NO + 1NC maintained contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A5D9
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A5D9
		1 x 3/4"	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3A5D9
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3A5D9
		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2A3D3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4A3D3

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

^② Not included if NPT hubs are selected.

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

APPLETON

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

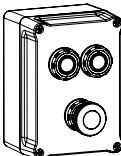
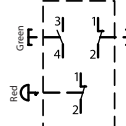
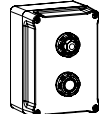
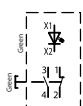
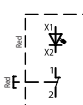
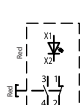
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 2 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Twin Push Buttons + Push-Pull Emergency Stop						
 1x green push button 'I' with 1NO contacts 1x red push button 'O' with 1NC contacts momentary contacts 1x red mushroom head push-pull with 1x NC maintained contact		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	U22W2A5A9D9
		Bottom	2 x M25	1.3 (2.87)	4.0 (244.10)	U22W4A5A9D9
		Feed-Thru	1 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22Z3A5A9D9
		Feed-Thru	2 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22X3A5A9D9
Pilot Light + Push Button						
1x green light ③ 1x green push button 'I' with 1NO momentary contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PGA5
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4PGA5
		Feed-Thru	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3PGA5
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3PGA5
 1x green light ③ 1x green push button 'I' with 1NO + 1NC momentary contacts		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PGA3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4PGA3
		Feed-Thru	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3PGA3
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3PGA3
1x red light ③ 1x red push button 'O' with 1NC momentary contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PRA9
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4PRA9
		Feed-Thru	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3PRA9
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3PRA9
1x red light 1x red push button 'O' with 1NO + 1NC momentary contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PRA3
		Bottom	2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4PRA3
		Feed-Thru	1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3PRA3
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3PRA3

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

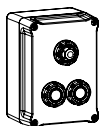
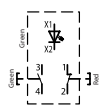
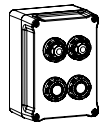
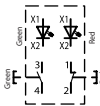
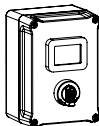
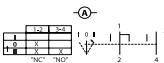
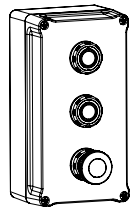
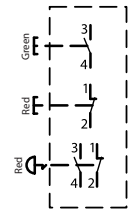
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 2 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Pilot Light + Twin Push Buttons ③						
 1x green light ③ 1x green push button 'I' with 1NO 1x red push button 'O' with 1NC momentary contacts		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	U22W2PGA5A9
			2 x M25	1.3 (2.87)	4.0 (244.10)	U22W4PGA5A9
			1 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22Z3PGA5A9
		Feed-Thru	2 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22X3PGA5A9
Twin Pilot Lights + Twin Push Buttons						
 1x green light + 1x red light ③ 1x green push button 'I' with 1NO 1x red push button 'O' with 1NC momentary contacts		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	U22W2PGPRA5A9
			2 x M25	1.3 (2.87)	4.0 (244.10)	U22W4PGPRA5A9
			1 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22Z3PGPRA5A9
		Feed-Thru	2 x 3/4"	1.3 (2.87)	4.0 (244.10)	U22X3PGPRA5A9
Ammeter + 3-Position Selector Switch ④						
 1x ammeter 48 x 48 mm, 1A C.T., 3 F.L.C., with 0 - 1 - 3 scale 1x switch 3 positions 'I - 0 - II' with spring return from II to 0 1NO + 1NC contact		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2VA13M3
			2 x M25	1.2 (2.65)	4.0 (244.10)	U22W4VA13M3
			1 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22Z3VA13M3
		Feed-Thru	2 x 3/4"	1.2 (2.65)	4.0 (244.10)	U22X3VA13M3
Twin Push Buttons + Push-Pull Emergency Stop ③						
 1x green push button 'I' with 1NO contact 1x red push button 'O' with 1NC contact momentary contacts 1x red mushroom head push-pull emergency button with 1NO + 1NC maintained contacts		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2A5A9D3
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4A5A9D3
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3A5A9D3
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3A5A9D3

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

④ Certified for ATEX/IECEX only.

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

APPLETON™

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Size 3 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
Pilot Light + Twin Push Buttons						
1x green light ③ 1x green push button 'I' with 1NO contact 1x red push button 'O' with 1NC contact momentary contacts		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGA5A9
		Bottom	2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGA5A9
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PGA5A9
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PGA5A9
1x red light ③ 1x green push button 'I' with 1NO contact 1x red push button 'O' with 1NC contact momentary contacts		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PRA5A9
		Bottom	2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PRA5A9
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PRA5A9
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PRA5A9
1x green light ③ 1x green push button 'I' with 1NO + 1NC contact 1x red push button 'O' with 1NO + 1NC contact momentary contacts		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGA3A3
		Bottom	2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGA3A3
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PGA3A3
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PGA3A3
1x red light ③ 1x green push button 'I' with 1NO + 1NC contact 1x red push button 'O' with 1NO + 1NC contact momentary contacts		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PRA3A3
		Bottom	2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PRA3A3
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PRA3A3
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PRA3A3

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

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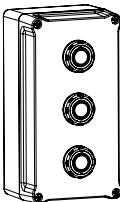
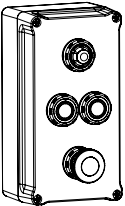
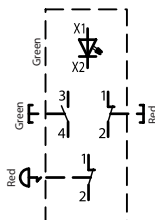
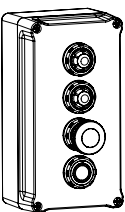
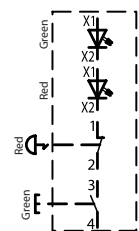
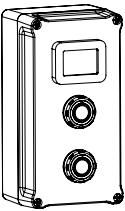
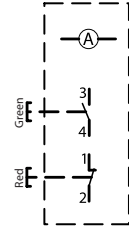
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx td 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
II 2 GD
Ex de IIC/Ex demb IIC/ Ex td A21
IP66 – IK10

Size 3 Polyester Control Station

Included: 1 white self-adhesive laminated plastic nameplate, 1 brass earth continuity plate, 1 blanking plug ②, 1 cable gland ②.

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
Triple Illuminated Push Buttons ③						
		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2LG5LB3LR9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4LG5LB3LR9
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3LG5LB3LR9
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3LG5LB3LR9
Pilot Light + Twin Push Buttons + Push-Pull Emergency Stop						
		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGA5A9D9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGA5A9D9
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PGA5A9D9
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PGA5A9D9
Twin Pilot Lights + Push-Pull Emergency Stop + Push Button ②						
		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGPRD9A5
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGPRD9A5
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3PGPRD9A5
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3PGPRD9A5
Ammeter + Twin Push Buttons ④						
		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2VA13A5A9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4VA13A5A9
			1 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23Z3VA13A5A9
		Feed-Thru	2 x 3/4"	1.4 (3.09)	6.0 (366.14)	U23X3VA13A5A9

Additional combinations available, please refer to Unicode 2 Series - Customized Control Stations section.

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

② Not included if NPT hubs are selected.

③ 12 Vac to 254 Vac 50/60 Hz - 12 Vdc to 60 Vdc.

④ Certified for ATEX/IECEx only.

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

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Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

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

APPLETON™

NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEx:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

Nameplates — Set of 10

Blank self-adhesive, laminated plastic 58 mm x 18 mm (2.29" x 0.71").

Color	Catalog Number
White (black letters)	UNPW
Yellow (black letters)	UNPY
Red (white letters)	UNPR
Blue (white letters)	UNPB
Black (white letters)	UNPN
Green (white letters)	UNPG

Inserts for Push Button — Set of 5

Marking	Color	Catalog Number
(unmarked)	Green	UIAG
(unmarked)	Red	UIAR
(unmarked)	Yellow	UIAY
(unmarked)	White	UIAW
(unmarked)	Blue	UIAB
(unmarked)	Black	UIAN
ON	Green	UIA01
OFF	Red	UIA02
START	Green	UIA03
STOP	Red	UIA04
MARCHE	Green	UIA05
ARRET	Red	UIA06
I	Green	UIA07
O	Red	UIA08

Inserts for Illuminated Push Button — Set of 5

Marking	Color	Catalog Number
(unmarked)	Green	UILG
(unmarked)	Red	UILR
(unmarked)	Yellow	UILY
(unmarked)	White	UILW
(unmarked)	Blue	UILB
ON	Green	UIL01
OFF	Red	UIL02
START	Green	UIL03
STOP	Red	UIL04
MARCHE	Green	UIL05
ARRET	Red	UIL06
I	Green	UIL07
O	Red	UIL08

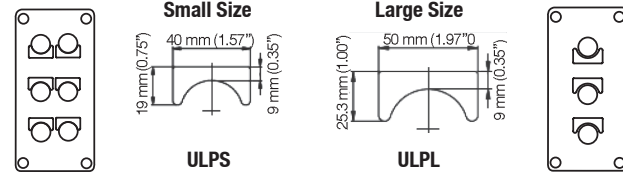
Spare Key

For all key-operated buttons.

Description	Catalog Number
Spare key type 4 A 185	SK4A185

Standard Legend Plates

Two sizes available. Self-adhesive yellow laminated plastic (black lettering).



Text	Catalog Number	
	Small	Large
Blank (set of 10)	ULPS	ULPL
ON	ULPSA01	ULPLA01
OFF	ULPSA02	ULPLA02
FORWARD	ULPSA03	ULPLA03
REVERSE	ULPSA04	ULPLA04
JOG	ULPSA05	ULPLA05
RUN	ULPSA06	ULPLA06
START	ULPSA07	ULPLA07
STOP	ULPSA08	ULPLA08
UP	ULPSA09	ULPLA09
DOWN	ULPSA10	ULPLA10
FAST	ULPSA11	ULPLA11
SLOW	ULPSA12	ULPLA12
RAISE	ULPSA13	ULPLA13
LOWER	ULPSA14	ULPLA14
OPEN	ULPSA15	ULPLA15
CLOSE	ULPSA16	ULPLA16
LOW	ULPSA17	ULPLA17
HIGH	ULPSA18	ULPLA18
TEST	ULPSA19	ULPLA19
RESET	ULPSA20	ULPLA20
EMERGENCY STOP	ULPSA21	ULPLA21
MARCHE	ULPSA22	ULPLA22
ARRET	ULPSA23	ULPLA23
ARRET D'URGENCE	ULPSA24	ULPLA24
HAUT	ULPSA25	ULPLA25
BAS	ULPSA26	ULPLA26
O—I	ULPSH01	ULPLH01
ON—OFF	ULPSH02	ULPLH02
START—STOP	ULPSH03	ULPLH03
STOP—START	ULPSH04	ULPLH04
HAND—AUTO	ULPSH05	ULPLH05
MANU—AUTO	ULPSH06	ULPLH06
FORWARD—REVERSE	ULPSH07	ULPLH07
REMOTE—LOCAL	ULPSH08	ULPLH08
MARCHE—ARRET	ULPSH09	ULPLH09
I—O—II	ULPSJ01	ULPLJ01
OFF—O—ON	ULPSJ02	ULPLJ02
START—NORMAL—STOP	ULPSJ03	ULPLJ03
HAND—OFF—AUTO	ULPSJ04	ULPLJ04
MANU—O—AUTO	ULPSJ05	ULPLJ05
FORWARD—OFF—REVERSE	ULPSJ06	ULPLJ06
LOCAL—REMOTE—AUTO	ULPSJ07	ULPLJ07
LOCAL—O—REMOTE	ULPSJ08	ULPLJ08
MARCHE—NORMAL—ARRET	ULPSJ09	ULPLJ09

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

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

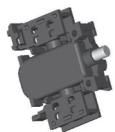
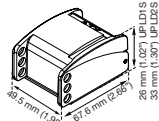
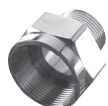
NEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III
Ex de IIC/DIP A21
IP66, Type 4X^①

CEC:
Class I, Division 2, Groups A, B, C, D
Class II, Groups F, G
Class III; Type 4X^①
Class I, Zone 1, AEx de IIC/ AEx tD 21
IP66

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
Ex de IIC/Ex demb IIC/ Ex tD A21
IP66 – IK10

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

APPLETON™

	Description	Catalog Number
	Additional Contacts Each actuator is capable of activating 3 contacts. Exception: Illuminated push button and all actuators with key: 2 contacts maximum 1NO contact 1NC contact	UCB5R UCB9R
	Yellow Guard Mushroom head protection for emergency stop	098657
	Padlockable Guard Stainless steel and plastic cover, capacity: 3 padlocks diameter 6 mm (0.24") maximum (not supplied) For push button and rotary actuator For mushroom head actuator	UPLD1S UPLD2S
	Cable Gland Exe For unarmored cable Exe - IP66 - in polyamide entry thread seal M20 (capacity 6.5-14.5 mm)	095605
	For armored cable Exe/Exd - IP66 - in nickel plated brass (without entry thread seal) Braid and Tape type: M20 (inner: 6.4-14.0/outer: 12.5-20.9 mm) Single Wired Armor (SWA): M20 (inner: 6.4-14.0/outer: 12.5-20.9 mm)	20E1FX5 20E1FW5
	Adaptors Exd/Exe - IP66 in nickel plated brass (without entry thread seal) Male M20 - Female 1/2" NPT Male M20 - Female 3/4" NPT	737DM2T15 737DM2T25
	Entry Thread Seal M20 (in white nylon)	20ETS2
	Combination Drain and Breather Exe - IP66 - supplied with entry thread seal and locknut M20 male thread in Polyamide M20 male thread in Brass M20 male thread in Stainless Steel	DBE20P DBE20B DBE20S
	Feed-Thru Earth Stud Terminal Exe - IP66 - supplied with weatherproof seal and green/yellow earth conductor — 300 mm (11.81") length M20 with M5 earth and 2.5 mm ² (0.004 in ²) conductor	PREESTM20

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

Unicode™ 2 Series Fiberglass Reinforced Polyester Control Stations and Switches

Increased Safety

NEC: Class I, Division 2, Groups A, B, C, D Class II, Groups F, G Class III Ex de IIC/DIP A21 IP66, Type 4X①	CEC: Class I, Division 2, Groups A, B, C, D Class II, Groups F, G Class III; Type 4X① Class I, Zone 1, AEx de IIC/ AEx tD 21 IP66	ATEX/IECEx: Zone 1 and 2 – 21 and 22 Ex II 2 GD Ex de IIC/Ex demb IIC/ Ex tD A21 IP66 – IK10
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