

# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEX: Zones 1 and 2 – 21 and 22  
Notable: UKEX, INMETRO, cCSAus Certified

### 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

- Operators include push buttons, illuminated push buttons, selector switches, control and load break switches and LED pilot lights.
- Fixing on DIN Rail TS35 for fast assembly and disassembly
- Contacts and pilot lights Ex db eb sealed
- Pilot light employs high intensity single LED 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.
- Polyamide cable gland for unarmoured cables Ø 5,5mm-14mm in M20 and Ø 9mm-18mm in M25.
- 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
- 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)
- Enclosures are rated for IP66 with firmly secured gasket.
- Operators and contact blocks are spaced for easy wiring.
- Wide selection of termination methods available.
- TS35 rail mounted components are held securely in place during operation and easily removed for service.
- 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 L stainless steel



U22W2PGA5



U23W2CA13M3

### Accessories

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

### Options

- Nameplates: other materials and colors available
- Padlocking facility for actuator blocks
- Other actuator blocks configurations available

### ATEX/IECEX Certification and Compliances

- Certification Type: : U2
  - Gas: Zone 1 and 2
    - Conforming to ATEX 2014/34/EU: Ⓢ II 2 G
    - Type of Protection: Ex eb IIC, Ex db eb IIC, Ex eb mb IIC, Ex db eb mb IIC Gb (depending on components)
    - Temperature Class: T6
  - Dust: Zone 21 and 22
    - Conforming to ATEX 2014/34/EU: Ⓢ II 2 D
    - Type of Protection: Ex tb IIIC Db
  - Surface Temperature: T80 °C (T176 °F)
  - Ambient Temperature: -40 °C / -25 °C ( -40 / -13 °F) - (ammeters and voltmeters) to +55 °C (131 °F)
  - ATEX Certificate: INERIS 20ATEX0049X
  - IECEx Certificate: IECEx INE 20.0050X
  - Protection Index Following EN/IEC 60529: IP66
  - Impact Resistance (shock): IK08 ①

### UKEX Certifications

- UKEX Certificate: CML 21UKEX1151X

### INMETRO Certifications

- INMETRO Certificate: BVC 22.4127-X

### Other Certifications

- cCSAus Certification available on special request. Contact your local sales representative for more information.

① Other configurations available with IK09 on request. Please contact your local sales representative


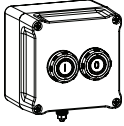
# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

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### Size 1 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Momentary Push Buttons (I<sub>max</sub> = 15A)</b>						
	Green insert 'I' + red insert 'O' with 1NO + 1NC momentary contacts	Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2A3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4A3</b>
	1x green push button 'I' with 1NO momentary contact	Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2A5</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4A5</b>
	1x red push button 'O' with 1NC momentary contact	Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2A9</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4A9</b>
<b>Twin Momentary Push Buttons (I<sub>max</sub> = 15A)</b>						
	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)	<b>U21W2A5A9</b>
			2 x M25	1.1 (2.43)	4.0 (244.10)	<b>U21W4A5A9</b>
	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)	<b>U21W2A3A3</b>
			2 x M25	1.1 (2.43)	4.0 (244.10)	<b>U21W4A3A3</b>

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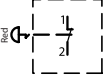
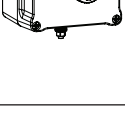
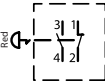

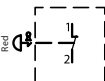

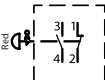

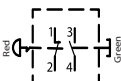
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Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Emergency Stop (Imax = 15A)</b>						
 Red mushroom head push-pull 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2D9</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4D9</b>
 Red mushroom head push-pull 1NO + 1NC maintained contacts		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2D3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4D3</b>
 Red mushroom head key release 1NC maintained contact		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2C9</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4C9</b>
 Red mushroom head key release 1NO + 1NC maintained contacts		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2C3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4C3</b>
<b>Push Pull Emergency Stop + Push Button (Imax = 15A)</b>						
 1x red mushroom head push-pull with 1NC maintained contact 1x green push button 'I' with 1NO momentary contact		Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	<b>U21W2D9A5</b>
			2 x M25	1.1 (2.43)	4.0 (244.10)	<b>U21W4D9A5</b>

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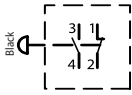
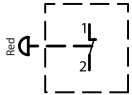

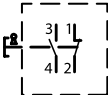
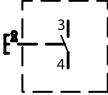
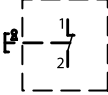
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Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number	
<b>Mushroom Head Push Button (Imax = 15A)</b>							
 <p>Black mushroom head push button 1NO + 1NC momentary contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2B3</b>	
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4B3</b>	
	<p>Red mushroom head push button 1NC momentary contact</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2R9</b>
				2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4R9</b>
<b>Key Push Button (Imax = 15A)</b>							
 <p>With key removable in both positions 1NO + 1NC maintained contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2E3</b>	
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4E3</b>	
	<p>With key removable in both positions 1NO maintained contact</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2E5</b>
				2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4E5</b>
	<p>With key removable in both positions 1NC maintained contact</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2E9</b>
				2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4E9</b>

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




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### Size 1 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Pilot Light (Umax = 264 Vac/60 Vdc)</b>						
1x red pilot light		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2PR</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4PR</b>
1x green pilot light		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2PG</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4PG</b>
1x blue pilot light		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2PB</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4PB</b>
1x yellow pilot light		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2PY</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4PY</b>
1x white pilot light		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2PW</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4PW</b>



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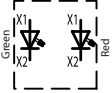

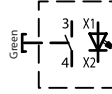
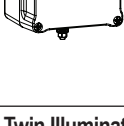
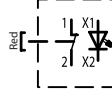
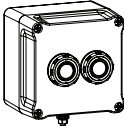
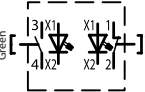
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Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Twin Pilot Light (Umax = 264 Vac/60 Vdc)</b>						
 <p>1x green pilot light 1x red pilot light</p>		Bottom	2 x M20	1.1 (2.43)	4.0 (244.10)	<b>U21W2PGPR</b>
			2 x M25	1.1 (2.43)	4.0 (244.10)	<b>U21W4PGPR</b>
<b>Illuminated Push Button: pilot light (Umax = 264 Vac/60 Vdc), contact (Imax = 13A)</b>						
 <p>1x green illuminated push button with 1NO contact momentary contact</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2LG5</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4LG5</b>
 <p>1x red illuminated push button with 1NC contact momentary contact</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2LR9</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4LR9</b>
<b>Twin Illuminated Push Button: pilot light (Umax = 264 Vac/60 Vdc), contact (Imax = 13A)</b>						
 <p>1x green illuminated push button with 1NO contact 1x red illuminated push button with 1NC contact momentary contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2LG5LR9</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4LG5LR9</b>

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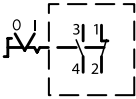

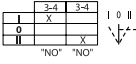

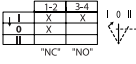

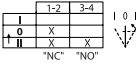
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Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>2-Position Selector Switch (Imax = 15A)</b>						
 <p>2 fixed positions '0 - I' 1NO + 1NC contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2H3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4H3</b>
<b>3-Position Selector Switch (Imax = 15A)</b>						
 <p>3 fixed positions 'I - 0 - II' 2NO contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2J1</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4J1</b>
<b>3-Position Selector Switch (Imax = 12A)</b>						
 <p>3 positions 'I - 0 - II' with spring return from I to 0 1NO + 1NC contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2N3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4N3</b>
 <p>3 positions 'I - 0 - II' with spring return from II to 0 1NO + 1NC contacts</p>		Bottom	2 x M20	1.0 (2.20)	4.0 (244.10)	<b>U21W2M3</b>
			2 x M25	1.0 (2.20)	4.0 (244.10)	<b>U21W4M3</b>

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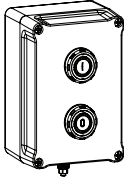

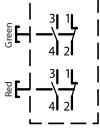

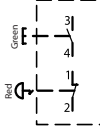
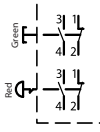
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ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### Size 2 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number	
<b>Twin Push Button (Imax = 13A)</b>							
	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)	<b>U22W2A5A9</b>
				2 x M25	1.2 (2.65)	4.0 (244.10)	<b>U22W4A5A9</b>
	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)	<b>U22W2A3A3</b>
				2 x M25	1.2 (2.65)	4.0 (244.10)	<b>U22W4A3A3</b>
<b>Push Button + Push-Pull Emergency Stop (Imax = 13A)</b>							
	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)	<b>U22W2A5D9</b>
				2 x M25	1.2 (2.65)	4.0 (244.10)	<b>U22W4A5D9</b>
	1x green push button 'I' with 1NO + 1NC momentary contact 1x red mushroom head push-pull with 1NO + 1NC maintained contacts		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	<b>U22W2A3D3</b>
				2 x M25	1.2 (2.65)	4.0 (244.10)	<b>U22W4A3D3</b>

① Other configurations available on request. Please contact your local sales representative.



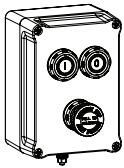
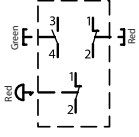
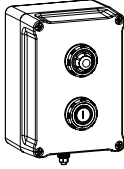
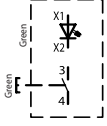
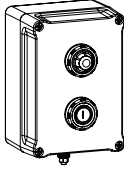
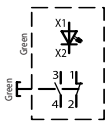
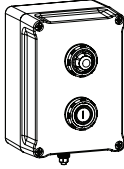
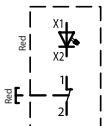
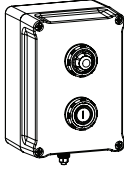
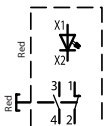
# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### Size 2 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Twin Push Buttons + Push-Pull Emergency Stop (I<sub>max</sub> = 13A)</b>						
 <p>1x green push button 'I' with 1NO contact                      1x red push button 'O' with 1NC contact momentary contacts                      1x red mushroom head push-pull with 1x NC maintained contact</p>		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	U22W2A5A9D9
				2 x M25	1.3 (2.87)	4.0 (244.10)
<b>Pilot Light (U<sub>max</sub> = 264 Vac/60 Vdc) + Push Button (I<sub>max</sub> = 13A)</b>						
 <p>1x green light                      1x green push button 'I' with 1NO momentary contact</p>		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PGA5
				2 x M25	1.2 (2.65)	4.0 (244.10)
 <p>1x green light                      1x green push button 'I' with 1NO + 1NC momentary contacts</p>		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PGA3
				2 x M25	1.2 (2.65)	4.0 (244.10)
 <p>1x red light                      1x red push button 'O' with 1NC momentary contact</p>		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PRA9
				2 x M25	1.2 (2.65)	4.0 (244.10)
 <p>1x red light                      1x red push button 'O' with 1NO + 1NC momentary contacts</p>		Bottom	2 x M20	1.2 (2.65)	4.0 (244.10)	U22W2PRA3
				2 x M25	1.2 (2.65)	4.0 (244.10)

① Other configurations available on request. Please contact your local sales representative.

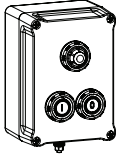
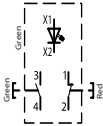
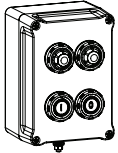

# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### Size 2 Polyester Control Station

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
<b>Pilot Light (Umax = 264 Vac/60 Vdc) + Twin Push Buttons (Imax = 13A)</b>						
 <p>1x green light                      1x green push button 'I' with 1NO                      1x red push button 'O'                      with 1NC momentary contacts</p>		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	<b>U22W2PGA5A9</b>
			2 x M25	1.3 (2.87)	4.0 (244.10)	<b>U22W4PGA5A9</b>
<b>Twin Pilot Lights (Umax = 264 Vac/60 Vdc) + Twin Push Buttons (Imax =13A)</b>						
 <p>1x green light + 1x red light                      1x green push button 'I' with 1NO                      1x red push button 'O'                      with 1NC momentary contacts</p>		Bottom	2 x M20	1.3 (2.87)	4.0 (244.10)	<b>U22W2PGPRA5A9</b>
			2 x M25	1.3 (2.87)	4.0 (244.10)	<b>U22W4PGPRA5A9</b>

① Other configurations available on request. Please contact your local sales representative.

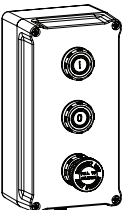
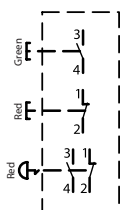
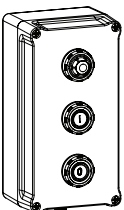

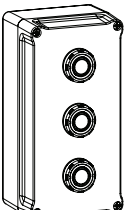
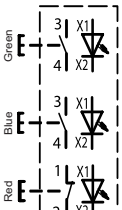
# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### Size 3 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm³ (in³)	Catalog Number
<b>Twin Push Buttons + Push-Pull Emergency Stop (Imax = 14A)</b>						
 <p>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</p>		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
<b>Pilot Light (Umax = 264 Vac/60 Vdc) + Twin Push Buttons (Imax = 14A)</b>						
 <p>1x green light                      1x green push button 'I' with 1NO contact                      1x red push button 'O' with 1NC contact                      momentary contacts</p> <p>1x red light                      1x green push button 'I' with 1NO contact                      1x red push button 'O' with 1NC contact                      momentary contacts</p> <p>1x green light                      1x green push button 'I' with 1NO + 1NC contacts                      1x red push button 'O' with 1NO + 1NC contacts                      momentary contacts</p> <p>1x red light                      1x green push button 'I' with 1NO + 1NC contacts                      1x red push button 'O' with 1NO + 1NC contacts                      momentary contacts</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGA5A9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGA5A9
			2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PRA5A9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PRA5A9
			2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PGA3A3
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PGA3A3
			2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2PRA3A3
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4PRA3A3
<b>Triple Illuminated Push Button: pilot light (Umax = 264 Vac/60 Vdc), contact (Imax = 8A)</b>						
 <p>1x green illuminated push button with 1NO contact                      1x blue illuminated push button with 1NO contact                      1x red illuminated push button with 1NC contact                      momentary contacts</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	U23W2LG5LB5LR9
			2 x M25	1.4 (3.09)	6.0 (366.14)	U23W4LG5LB5LR9

① Other configurations available on request. Please contact your local sales representative.

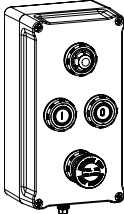
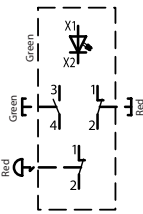
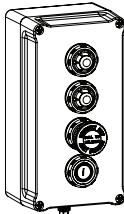
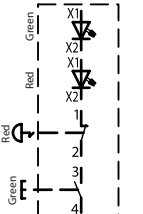
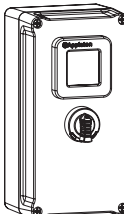
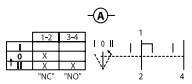
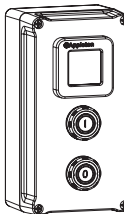
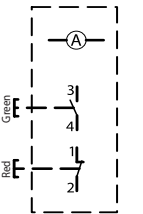
# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### Size 3 Polyester Control Station ①

Included: 1 white self-adhesive gravoply nameplate black letters, 1 brass earth continuity plate with M6 earth stud, 1 blanking plug, 1 polyamide cable gland

Description/Function	Diagram	Entry Location	Entry Size	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number
<b>Pilot Light (Umax = 264 Vac/60 Vdc)+ Twin Push Buttons + Push-Pull Emergency Stop (Imax = 14A)</b>						
 <p>1x green light                      1x green push button 'I'                      with 1NO contact                      1x red push button 'O'                      with 1NC contact                      momentary contacts                      1x red mushroom head push-pull with                      1x NC maintained contact</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	<b>U23W2PGA5A9D9</b>
			2 x M25	1.4 (3.09)	6.0 (366.14)	<b>U23W4PGA5A9D9</b>
<b>Twin Pilot Lights (Umax = 264 Vac/60 Vdc) + Push-Pull Emergency Stop + Push Button (Imax =14A)</b>						
 <p>1x green light + 1x red light                      1x red mushroom head push-pull with                      1x NC maintained contact                      1x green push button 'I'                      with 1NO momentary contact</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	<b>U23W2PGPRD9A5</b>
			2 x M25	1.4 (3.09)	6.0 (366.14)	<b>U23W4PGPRD9A5</b>
<b>Ammeter + 3 position selector switch (Imax = 10A)</b>						
 <p>1x ammeter 48 x 48 mm,                      1A C.T., 3 F.L.C., with 0 - 1 - 3 scale                      3 position selector switch</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	<b>U23W2CA13M3</b>
			2 x M25	1.4 (3.09)	6.0 (366.14)	<b>U23W4CA13M3</b>
<b>Ammeter + Twin Push Buttons (Imax = 10A)</b>						
 <p>1x ammeter 48 x 48 mm, 1A C.T.,                      3 F.L.C., with 0 - 1 - 3 scale                      1x green push button 'I' with                      1NO contact                      1x red push button 'O' with                      1NC contact                      momentary contacts</p>		Bottom	2 x M20	1.4 (3.09)	6.0 (366.14)	<b>U23W2CA13A5A9</b>
			2 x M25	1.4 (3.09)	6.0 (366.14)	<b>U23W4CA13A5A9</b>

① Other configurations available on request. Please contact your local sales representative.

# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

### 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

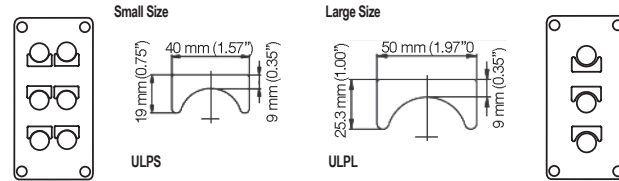
### Spare Key

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).



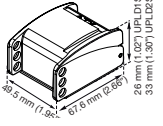


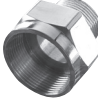




Text	Catalog Number	
	Small	Large
Blank (set of 10)	ULPS	ULPL
ON	ULPSA01	ULPLA01
OFF	ULPSA02	ULPLA02
FORWARD	ULPSA03	ULPLA03
REVERSE	ULPSA04	ULPLA04
JOG	ULPSA05	ULPLA05
RUN	ULPSA06	ULPLA06
START	ULPSA07	ULPLA07
STOP	ULPSA08	ULPLA08
UP	ULPSA09	ULPLA09
DOWN	ULPSA10	ULPLA10
FAST	ULPSA11	ULPLA11
SLOW	ULPSA12	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

# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

## Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

	Description	Catalog Number
	<b>Additional Contacts</b> 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
	<b>Yellow Guard</b> Mushroom head protection for emergency stop	098657
	<b>Padlockable Guard</b> 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
	<b>Cable Gland Exe</b> For unarmored cable Exe - IP66 - in polyamide with entry thread seal M20 (capacity 5.5-14.5 mm)	20DTSPE1TAL
	<b>For armored cable Exe/Exd - IP66 - in nickel plated brass (without entry thread seal)</b> 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
	<b>Adaptors</b> 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
	<b>Entry Thread Seal</b> M20 (in white nylon)	20ETS2
	<b>Combination Drain and Breather</b> 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

Control Stations and Panels

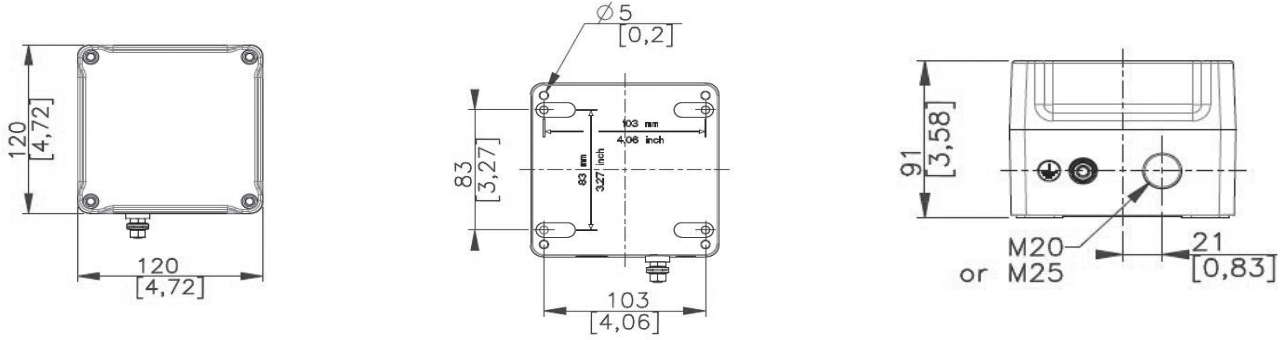
# Unicode™ 2 | U2 Series Fiberglass Reinforced Polyester Control Stations

Increased Safety

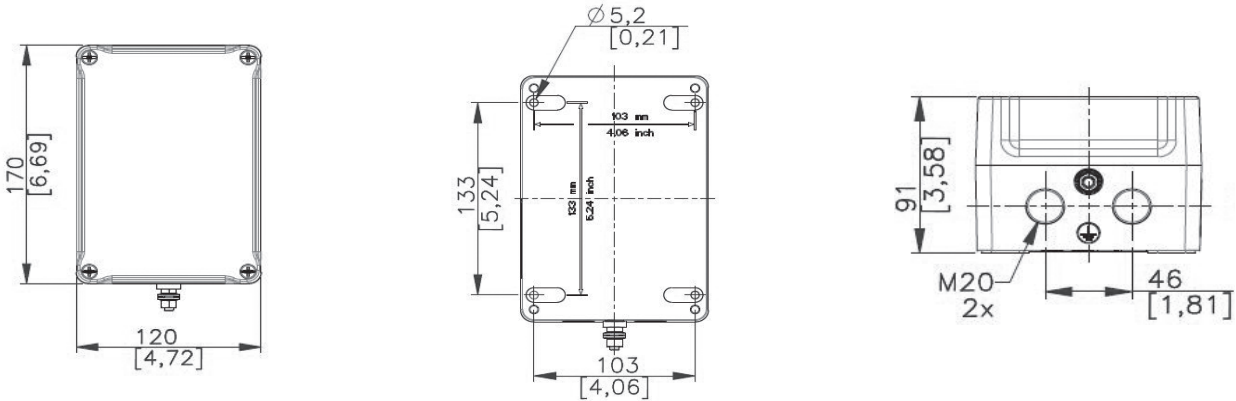
ATEX/IECEx: Zones 1 and 2 – 21 and 22  
 Notable: UKEX, INMETRO, cCSAus Certified

## Dimensions in Millimeters (Inches)

### Size 1



### Size 2



### Size 3

