

BUILT FOR YOUR EXACT REQUIREMENTS

Appleton's Unicode® 2 modular series of control stations answers the increasing demands of hazardous location production lines. These stainless steel control stations are available in nine preconfigured models. Customized versions are available in four enclosure sizes with twenty-one operators to choose from – providing greater choice and flexibility to meet almost any application.

STANDARD MATERIALS

- Body, cover and cover screws: 316L stainless steel, natural finish

FEATURES

- Employs AEx de method of protection which eliminates the need for external seals.
- Operators include push buttons, selector 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 250 Vac, 50/60 Hz
 - 12 Vdc to 60 Vdc
- Up to 3 contact blocks per actuator can be used.
- Enclosures are rated for IP66/ NEMA 4X with firmly secured gaskets.
- Operators and contact blocks are spaced to provide ample space for easy wiring.
- TS35 rail mounted components are held securely in place during operation and easily removed for service.
- No wiring to the cover required.
- Captive, corrosion resistant stainless steel cover screws.



PRECONFIGURED CONTROL STATION



CUSTOMIZABLE EMPTY PRE-DRILLED ENCLOSURE

DESIGNED FOR THE GLOBAL MARKETPLACE

Unicode® 2 control stations are designed to suit your needs for corrosion resistance and durability. They offer extreme protection, with Ex de contacts – for component-level protection that does not require external sealing – and housing materials that are weather and impact resistant.

SUITABLE APPLICATIONS

- Local control stations and motor control stations for use in hazardous areas covering the broadest possible range of 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 highly corrosive and washdown areas.

CERTIFICATIONS AND COMPLIANCES

- NEC/CEC Certification Type JBe
 - Class I, Division 2, Groups A, B, C and D; Class II, Groups E, F and G; Class III; Type 4X
 - Ex de IIC; DIP A21, IP66
 - Class I, Division 2, Groups A, B, C and D; Class II, Groups F and G, Class III; Type 4X
 - Class I, Zone 1, AEx de IIC; AEx tD 21, IP66
 - Voltage: Rated 600 V max., 10 A max.
 - Contact Block Voltage: Rated 600 V heavy duty
 - 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: 50, 508, 60079-0, 60079-1, 60079-7
 - Other Standards: ANSI/ISA 61241-0(12.10.02)-2006, ANSI/ISA 61241-1(12.10.03)-2006
 - cCSAus Certificate: 2356952
- ATEX/IECEx Certification Type JBe
 - Gas: Zone 1 and 2
 - Dust: Zone 21 and 22
 - T Rating: T6 (at +40°C) or T5 (at +55°C)
 - Surface Temperature: T80°C (at +40°C) to T95°C (at +55°C) (T176°F to T203°F)
 - Ambient Temperature: -40°C to +55°C (-40°F to +131°F)
 - CE Declaration of Conformity: 50232
 - ATEX Certificate: LCIE 02 ATEX 6118X
 - IEC Certificate: LCIE Ex 02.010X
 - Impact Resistance (shock): IK10

SUITABLE LOCATIONS



CHEMICAL AND PETROCHEMICAL PLANTS



WASTEWATER TREATMENT PLANTS



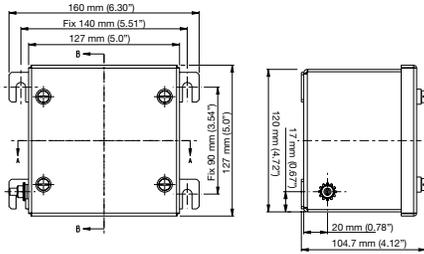
PULP AND PAPER PROCESSING PLANTS



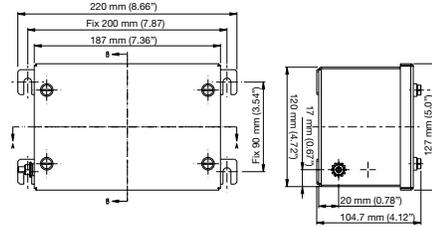
FOOD AND BEVERAGE PLANTS

PRECONFIGURED CONTROL

Appleton offers nine preconfigured Unicode® 2 control stations. Additional operators are available to allow units to be customized providing greater flexibility and more capabilities. These control stations can be customized on site with ease.



Size 1 Enclosure



Size 2 Enclosure

Description/Function	Enclosure Size	Bottom NPT Hubs	Catalog Number
One Pilot Light and Two Momentary Pushbuttons			
 <p>1x green pushbutton with 1NO + 1NC contact 1x red pushbutton with 1NO + 1NC contact START(G)/STOP(R) 1x green pilot light</p>	2	2 x 3/4" NPT Hubs, 1 Plugged	U62Z429PGA5A9
2-Position Selector Switch			
 <p>2 fixed positions 1NO + 1NC contact</p>	1	2 x 3/4" NPT Hubs, 1 Plugged	U61Z4H3
3-Position Selector Switch			
 <p>Maintained contact Hand-Off-Auto and Blank Nameplate 2NO contacts</p>	1	2 x 3/4" NPT Hubs, 1 Plugged	U61Z4J1
 <p>Spring Return from Left Jog-Off-Auto and Blank Nameplate 2NO contacts</p>	1	2 x 3/4" NPT Hubs, 1 Plugged	U61Z4N1