

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Polyamide Control Stations

Zone 1 & 2 – 21 & 22

II 2 GD

ATEX / IECEx

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 and 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 wash down areas.

Features - Polyamide:

- Employs Ex de (factory sealed) operators including push buttons, illuminated push buttons, selector switches, control and load break switches, contact blocks, pilot lights (LED), and terminal blocks.
- 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
- Enclosures are rated for IP66 with firmly secured gasket.
- Operators and contact blocks are spaced so as to have easy and ample space for wiring.
- Wide selection of cable glands, union adapter entries at top and bottom locations.

- Choice of DIN rail mounted high performance contact block suitable for low intensity (less than 5mA).
- TS35 rail mounted components held securely in place during operation and easily removed for service.
- Brass Inserts are provided for TS35 DIN rails or mounting plate to be installed inside the enclosure.
- Captive, corrosion resistant stainless steel cover screws.

Standard Material of Fixtures:

- Polyamide, black finish.
- Stainless steel cover screws.
- Polyamide cable gland and blanking plug.

Accessories:

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

Options:











- Nameplates: Lamacoid with different color combinations. Stainless steel.
- Padlocking facility at left, center, right or any position on selector switches.
- Padlocking facility for momentary and maintained push buttons.
- Special contact arrangements available upon request, see options for details.

Ordering Information:

Size 1 Polyamide Control Station:

Standard equipment: 1 white self-adhesive laminated plastic nameplate, 2 x M20 bottom clearance entries, 1 blanking plug, 1 cable gland in polyamide (Ø 6.5 to 14.5 mm), 2 locknuts.



Version	Description/ Function	Diagram	Bottom Entries	Catalog Number	Weight (kg)	Volume (dm ³)
Impulse Push Button						
	Green insert 'I' + red insert 'O' with 1NO + 1NC momentary contacts		2 x M20	U41W2 A3	0.48	2.5
	1x green push button "I" with 1NO momentary contact		2 x M20	U41W2 A5	0.48	2.5
	1x red push button "O" with 1NC momentary contact		2 x M20	U41W2 A9	0.48	2.5
Emergency Stop						
	Red mushroom head push-pull 1NC maintained contact		2 x M20	U41W2 D9	0.48	2.5
	Red mushroom head push-pull 1NO + 1NC maintained contacts		2 x M20	U41W2 D3	0.48	2.5
	Red mushroom head key release 1NC maintained contact		2 x M20	U41W2 C9	0.48	2.5
	Red mushroom head key release 1NO + 1NC maintained contacts		2 x M20	U41W2 C3	0.48	2.5