

Unicode® 2 Series Customized Control Stations

Increased Safety

Polyamide, Fiberglass Reinforced Polyester, 316L Stainless Steel, Aluminum

Zone 1 and 2 – 21 and 22

Gas (G) and Dust (D)

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:
 - AC 12: 16 Amps/400 Vac
 - AC 14: 10 Amps/400 Vac
 - AC 15: 6 Amps/500 Vac
 - DC 13: 2 Amps/24 Vdc and 1 Amp/110 Vdc
- Selector switch technical data:
 - IEC rated operating voltage: 690 Vac
 - IEC rated operating current: maximum 16 Amps
 - IEC switching capacity:
 - AC1: 16 Amps/690 Vac
 - AC15: 16 Amps/415 Vac
 - AC3: 8 Amps/500 Vac
 - AC3: 4 Amps/690 Vac
 - AC3: 16 Amps/690 Vac
 - DC1: 10 Amps/24 Vdc
 - DC1: 6 Amps/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 so as to have easy and ample space for wiring.
- Wide selection of termination methods available.
- 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.



Polyester



Polyamide



Stainless Steel



Aluminum

Standard Materials

- Polyamide
 - Body, cover, cable gland and blanking plug: polyamide, black finish
- Fiberglass Reinforced Polyester (FRP)
 - Body and cover: fiberglass reinforced polyester, black finish
- Stainless Steel
 - Body, cover and cover screws: 316L stainless steel, natural finish
- Aluminum
 - Body and cover: aluminum with gray epoxy powder coating.
- Cable gland and blanking plug: polyamide
- Cover screws for 316L stainless steel or aluminum body: 304 stainless steel
- Cover screws for fiberglass reinforced polyester body: 316 stainless steel
- Optional nameplates: 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: 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.

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Zone 1 and 2 – 21 and 22

Gas (G) and Dust (D)

Certifications and Compliances

◆ ATEX or IECEx Certification

• Certification Type PCe (Polyamide)

- Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ 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: Ⓢ II2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T167 °C to T75 °C
- Ambient Temperature: -20 °C to +55 °C
- CE Declaration of Conformity: 50221
- ATEX Certificate: LCIE 00 ATEX 6047
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK09

• Certification Type CSPe (Fiberglass Reinforced Polyester)

- Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ 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: Ⓢ II2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T75 °C
- Ambient Temperature: -55 °C to +60 °C (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
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10

• Certification Type JBe (Stainless Steel)

- Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ II 2 G
 - Type of Protection: Ex de IIC/Ex demb IIC
 - Temperature class: T5 to T6
- Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: Ⓢ II2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T80 °C to T95 °C
- Ambient Temperature: -50 °C to +70 °C (empty enclosure, temperature to be determine according actuator)
- CE Declaration of Conformity: 50232
- ATEX Certificate: LCIE 02 ATEX 6118X
- IECEx Certificate: LCI 11.0008X
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10

• Certification Type PCe (Aluminum)

- Gas: Zone 1 and 2
 - Conforming to ATEX 94/9/CE: Ⓢ 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: Ⓢ II2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T75 °C
- Ambient Temperature: -55 °C to +60 °C (empty enclosure, temperature to be determine according actuator)
- CE Declaration of Conformity: 50221
- ATEX Certificate: LCIE 02 ATEX 6047
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10

◆ EURASEC Certification

• Certification Type PCe (Polyamide)

- EURASEC RU C-FR 15 05.B.00911

• Certification Type CSPe (Fiberglass Reinforced Polyester)

- EURASEC RU C-FR 15 05.B.00911

• Certification Type JBe (Stainless Steel)

- EURASEC RU C-FR 15 05.B.00911

◆ Others Certification ①

• Certification Type PCe (Polyamide)

- INMETRO Certificate: BVC 11.0640-X

• Certification Type CSPe (Fiberglass Reinforced Polyester)

- INMETRO Certificate: BVC 11.0637-X

• Certification Type JBe (Stainless Steel)

- INMETRO Certificate: BVC 11.0418-X

① Inmetro certification available on special request only. Contact your local sales for more information.

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Zone 1 and 2 – 21 and 22
Gas (G) and Dust (D)

Catalog Numbering Guide - Unicode 2 Enclosures

U Series: U - Unicode 2 Series Enclosures ATEX or ATEX/IECEX Certified	2 Material Type and Mounting: 2 - Polyester / rail mounted 4 - Polyamide / rail mounted 6 - Stainless steel / rail mounted 8 - Aluminum / rail mounted	3 Size: 1 - Size 1 2 - Size 2 3 - Size 3	W2 Entry Configuration: Bottom, Top and Feed Thru available See below	11 Cover Layout: Size 1, 2 and 3 available See following page	A1SA00G1SA00 Devices: 1 to 6 devices per unit Actuator, Pilot Light, Contact Blocks and Accessories See following pages	M6 Options: M6 - M6 earth stud M8 - M8 earth stud M1 - M10 earth stud P5 - M5 earth stud for polyamide or polyester, M25 entry required P6 - M6 earth stud for polyamide or polyester, M20 entry required EP - Brass earth continuity plate (2 x M20 for polyamide box)
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Entry Configuration

	NPT					Metric			
	1/2"	2 x 1/2"	3/4"	2 x 3/4"	1"	M20	2 x M20 ②	M25	2 x M25
Bottom	Z1	Z2	Z3	Z4	Z5	W1	W2	W3	W4
Top	Y1	Y2	Y3	Y4	Y5	V1	V2	V3	V4
Feed Thru	X1	X2	X3	X4	X5	U1	U2	U3	U4

② Polyamide versions: Only 2 x M20 available at bottom.

Unicode® 2 Series Customized Control Stations

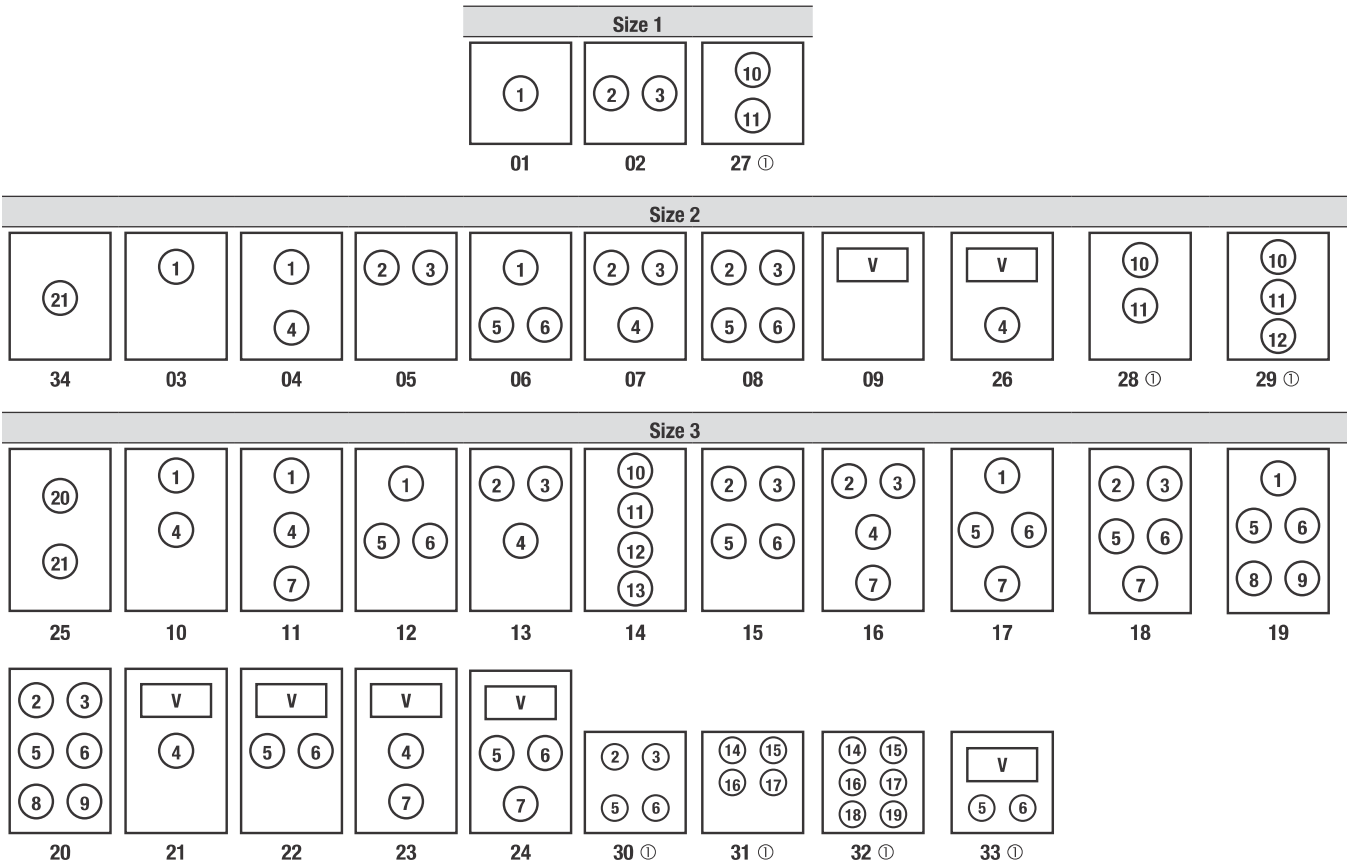
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Zone 1 and 2 – 21 and 22

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Drilled Cover Layout



Device Examples with Options

Description	
Push button with 1 NO contact and green (unmarked) insert	A5G
Push button with 1 NC contact, padlocking device and red (unmarked) insert	A92R
Push button with 2 NO contacts and START green insert	A103
Push button with 2 NO contacts, padlocking device and START green insert	A1203
Push button with 2 NO contacts, padlocking device, START green insert and DOWN small legend plate	A1203SA10
Red push-pull emergency stop mushroom head with 2 NC contacts and padlocking device	D23
Red push-pull emergency stop mushroom head with 1 NO + 1 NC contacts and protective guard	D31
Red push-pull emergency stop mushroom head with 1 NO + 1 NC contacts and padlocking device	D33
Green illuminated push button with 1 NO contact	LG5
Green illuminated push button with 2 NO contacts, padlocking device and START green insert	LG1203

Description	
Green pilot light	PG
Red pilot light with STOP large legend plate	PRLA08
2-position rotary actuator with 2 NO contacts and padlocking device	H12
2-position rotary actuator with 2 NO contacts and HAND—AUTO small legend plate	H1SH05
3-position I—O—II rotary actuator (I + II maintained) with 2 NO contacts	J1
3-position I—O—II rotary actuator (I + II maintained) with 2 NO contacts and FORWARD—OFF—REVERSE large legend plate	J1LJ06
2-position 2-pole switch	S32
2-position 2-pole switch with 0—I large legend plate	S32 LH01
2-position 4-pole switch	S35
2-position 4-pole switch with 0—I large legend plate	S35LH01
2 position 2-pole selector switch with STOP—START large legend plate	S30LH04
3 position 2-pole selector switch with OFF—0—ON large legend plate	S31LJ02

① Stainless steel version only.

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Devices	
Push Buttons, Momentary Contacts (3 maximum)	
With 2 NO momentary contacts	A1
With 2 NC momentary contacts	A2
With 1 NO + 1 NC momentary contacts	A3
With 2 NO + 1 NC momentary contacts	A4
With 1 NO momentary contact	A5
With 1 NO + 2 NC momentary contacts	A6
With 3 NO momentary contacts	A7
With 3 NC momentary contacts	A8
With 1 NC momentary contact	A9

Guard and Padlocking Devices	
Guard for mushroom head push button	1
Padlocking device for push button and rotary actuator	2
Padlocking device for mushroom head push button	3

Inserts for Push Buttons and Illuminated Push Buttons	
Green (unmarked)	G
Red (unmarked)	R
Yellow (unmarked)	Y
White (unmarked)	W
Blue (unmarked)	B
Black (unmarked)	N
ON (green)	01
OFF (red)	02
START (green)	03
STOP (red)	04
MARCHE (green)	05
ARRET (red)	06
I (green)	07
O (red)	08

Legend Plates		
Legend Plates for Push Buttons and Pilot Lights		
<i>(Located Above Device)</i>		
Text	Small	Large
Blank	SA00	LA00
ON	SA01	LA01
OFF	SA02	LA02
FORWARD	SA03	LA03
REVERSE	SA04	LA04
JOG	SA05	LA05
RUN	SA06	LA06
START	SA07	LA07
STOP	SA08	LA08
UP	SA09	LA09
DOWN	SA10	LA10
FAST	SA11	LA11
SLOW	SA12	LA12
RAISE	SA13	LA13
LOWER	SA14	LA14
OPEN	SA15	LA15
CLOSE	SA16	LA16
LOW	SA17	LA17
HIGH	SA18	LA18
TEST	SA19	LA19
RESET	SA20	LA20

Legend Plates (Continued)		
Legend Plates for Push Buttons and Pilot Lights		
<i>(Located Above Device)</i>		
EMERGENCY STOP	SA21	LA21
MARCHE	SA22	LA22
ARRET	SA23	LA23
ARRET D'URGENCE	SA24	LA24
HAUT	SA25	LA25
BAS	SA26	LA26

Devices	
Illuminated Push Buttons, Momentary Contacts (2 maximum)	
Green with 2 NO momentary contacts	LG1
Green with 2 NC momentary contacts	LG2
Green with 1 NO + 1 NC momentary contacts	LG3
Green with 1 NO momentary contacts	LG5
Green with 1 NC momentary contacts	LG9
Red with 2 NO momentary contacts	LR1
Red with 2 NC momentary contacts	LR2
Red with 1 NO + 1 NC momentary contacts	LR3
Red with 1 NO momentary contacts	LR5
Red with 1 NC momentary contacts	LR9

For other colors replace 2nd letter to **B** for Blue, **W** for White and **Y** for Yellow. Example: Blue — **LB1**

Device Options	
Push buttons complete with key removable in both positions (2 contacts maximum)	
With 2 NO contacts	E1
With 2 NC contacts	E2
With 1 NO + 1 NC contacts	E3
With 1 NO contact	E5
With 1 NC contact	E9

Push buttons complete with key removable in ON position (2 contacts maximum)	
With 2 NO contacts	F1
With 2 NC contacts	F2
With 1 NO + 1 NC contacts	F3
With 1 NO contact	F5
With 1 NC contact	F9

Push buttons complete with key removable in OFF position (2 contacts maximum)	
With 2 NO contacts	G1
With 2 NC contacts	G2
With 1 NO + 1 NC contacts	G3
With 1 NO contact	G5
With 1 NC contact	G9

Controls

CONTROL STATIONS AND SWITCHES - INCREASED SAFETY

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Gas (G) and Dust (D)

Device Options	
Black Mushroom Head Push Buttons, Momentary Contacts (3 maximum)	
With 2 NO momentary contacts	B1
With 2 NC momentary contacts	B2
With 1 NO + 1 NC momentary contacts	B3
With 2 NO + 1 NC momentary contacts	B4
With 1 NO momentary contact	B5
With 1 NO + 2 NC momentary contacts	B6
With 3 NO momentary contacts	B7
With 3 NC momentary contacts	B8
With 1 NC momentary contact	B9

Devices	
Red Mushroom Head Push Buttons, Momentary Contacts (3 maximum)	
With 2 NO momentary contacts	R1
With 2 NC momentary contacts	R2
With 1 NO + 1 NC momentary contacts	R3
With 2 NO + 1 NC momentary contacts	R4
With 1 NO momentary contact	R5
With 1 NO + 2 NC momentary contacts	R6
With 3 NO momentary contacts	R7
With 3 NC momentary contacts	R8
With 1 NC momentary contact	R9

Red Mushroom Head Emergency Stop Buttons, Maintained (3 contacts maximum)	
Push-pull version with 2 NO maintained contacts	D1
Push-pull version with 2 NC maintained contacts	D2
Push-pull version with 1 NO + 1 NC maintained contacts	D3
Push-pull version with 2 NO + 1 NC maintained contacts	D4
Push-pull version with 1 NO maintained contact	D5
Push-pull version with 1 NO + 2 NC maintained contacts	D6
Push-pull version with 3 NO maintained contacts	D7
Push-pull version with 3 NC maintained contacts	D8
Push-pull version with 1 NC maintained contact	D9

Red Mushroom Head Emergency Stop Buttons, Maintained Contacts (2 maximum)	
Key to release with 2 NO maintained contacts	C1
Key to release with 2 NC maintained contacts	C2
Key to release with 1 NO + 1 NC maintained contacts	C3
Key to release with 1 NO maintained contact	C5
Key to release with 1 NC maintained contact	C9

LED Pilot Lights	
Blue color	PB
Green color	PG
Red color	PR
White color	PW
Yellow color	PY

Devices	
2 Positions O-I Rotary Actuator (O and I Maintained)	
With 2 NO maintained contacts	H1
With 2 NC maintained contacts	H2
With 1 NO + 1 NC maintained contacts	H3
With 2 NO + 1 NC maintained contacts	H4
With 1 NO maintained contact	H5
With 1 NO + 2 NC maintained contacts	H6
With 3 NO maintained contacts	H7
With 3 NC maintained contacts	H8
With 1 NC maintained contact	H9

Legend Plates for 2-Position Selector Switches (Located Above Device)

Text	Small	Large
O—I	SH01	LH01
ON—OFF	SH02	LH02
START—STOP	SH03	LH03
STOP—START	SH04	LH04
HAND—AUTO	SH05	LH05
MANU—AUTO	SH06	LH06
FORWARD—REVERSE	SH07	LH07
REMOTE—LOCAL	SH08	LH08
MARCHE—ARRET	SH09	LH09

3 Positions I-O-II Rotary Actuator (I and II maintained)	
With 2 NO maintained contacts	J1
With 2 NC maintained contacts	J2
With 1 NO + 1 NC maintained contacts	J3
With 2 NO + 1 NC maintained contacts	J4
With 1 NO + 2 NC maintained contacts	J6
With 3 NO maintained contacts	J7
With 3 NC maintained contacts	J8

3 Positions I-O-II Rotary Actuator (I and II spring-return to O)	
With 2 NO contacts	K1
With 2 NC contacts	K2
With 1 NO + 1 NC contacts	K3
With 2 NO + 1 NC contacts	K4
With 1 NO + 2 NC contacts	K6
With 3 NO contacts	K7
With 3 NC contacts	K8

3 Positions I-O-II Rotary Actuator (I Maintained and II Spring-Return to O)	
With 2 NO contacts	M1
With 2 NC contacts	M2
With 1 NO + 1 NC contacts	M3
With 2 NO + 1 NC contacts	M4
With 1 NO + 2 NC contacts	M6
With 3 NO contacts	M7
With 3 NC contacts	M8

3 Positions I-O-II Rotary Actuator (I Spring-Return to O + II Maintained)	
With 2 NO contacts	N1
With 2 NC contacts	N2
With 1 NO + 1 NC contacts	N3
With 2 NO + 1 NC contacts	N4
With 1 NO + 2 NC contacts	N6
With 3 NO contacts	N7
With 3 NC contacts	N8

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Devices		Devices
16A Selector Switches ①		Ammeters 48 x 48 mm
<i>Other contact arrangements are available, contact your local sales representative.</i>		1A C.T. and 3 F.L.C. with 0-1-3 scale VA13
		1A C.T. and 5 F.L.C. with 0-1-5 scale VA15
		1A C.T. and 6 F.L.C. with 0-1-6 scale VA16
		5A C.T. and 3 F.L.C. with 0-1-3 scale VA53
		5A C.T. and 5 F.L.C. with 0-1-5 scale VA55
		5A C.T. and 6 F.L.C. with 0-1-6 scale VA56
		Box Options
		Earth Stud
		M6 earth stud M6
		M8 earth stud M8
		M10 earth stud M1
		M5 earth stud for polyamide or polyester, M20 entry required P5
		M6 earth stud for polyamide or polyester, M25 entry required P6
		Earth Continuity Plate
		Brass EP
		Plug
		Cover blanking plug BP
2 position 2-pole Selector switch		
		S30
3 position 2-pole Selector switch		
		S31
2 position 2-pole switch		
		S32
3 position 2-pole Selector switch with spring return from 135° to 90°		
		S33
3 position 2-pole Selector switch with spring return from 45° to 90°		
		S34
2 position 4-pole switch		
		S35
3 position 4-pole Selector switch		
		S36
2 position 4-pole Selector switch		
		S37
3 position 3-pole Selector switch with spring return from 45° to 90°		
		S38
3 position 3-pole Selector switch with spring return from 135° to 90°		
		S39
Legend Plates for 3-Position Selector Switches		
<i>(Located Above Device)</i>		
Text	Small	Large
I—O—II	SJ01	LJ01
OFF—O—ON	SJ02	LJ02
START—NORMAL—STOP	SJ03	LJ03
HAND—OFF—AUTO	SJ04	LJ04
MANUAL—O—AUTO	SJ05	LJ05
FORWARD—OFF—REVERSE	SJ06	LJ06
LOCAL—REMOTE—AUTO	SJ07	LJ07
LOCAL—O—REMOTE	SJ08	LJ08
MARCHE—NORMAL—ARRET	SJ09	LJ09

① Additional configurations available. See Unicode 2 Series 16 Amp Switches in the Component and Accessories section. Choose the contact arrangement, then add the last four digits of the switch part number in the custom configured control station catalog number.

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Ordering Example:

Polyester Customized Control Station Specifications – Type U2



Polyester Control Station

- Size 3 with 3 vertical actuators.
- 2 x M20 entries at bottom with brass earth continuity plate.
- Without earth stud.
- Without cable glands and plugs.
- White self-adhesive nameplate with black lettering.
- Text: MOTOR 4
- Position 1: Green pilot light without legend plate.
- Position 2: Green start push button with 2 x NO contacts.
- Green start insert without legend plate and guard.
- Position 7: Emergency stop push-pull mushroom head with 2 x NC contacts without legend plate and guard.

Part No.:
U23W211 PG A103 D2

Polyester Customized Control Station Specifications — Type U4

Company Name: _____ Address: _____
Contact: _____
Phone/Fax: _____ Project: _____
Email: _____

Box Definition

Size 1

Size 2

Size 3

* Terminal block available as option. (maximum: 10 x terminals 2.5mm²)

Entry Position

Entries (clearance hole)

Earth Stud (At Bottom)

Cable Glands

Plugs

Nameplate

Functions

Position	Actuator	Contacts	Insert	Legend Plate	Guard
1	PG	0	0	0	0
4	A	1	03	0	0
7	D	2	0	0	0

* Terminal Blocks (optional)

Option for Box No. 03-05-09-10-12-13-15-21-22 only

Type 2.5 mm²

Quantity (10 maximum)

Additional Instructions: _____

The following inquiry forms should be filled out and sent to your local Appleton/ATX Representative.

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Polyamide

Zone 1 and 2 – 21 and 22

Gas (G) and Dust (D)


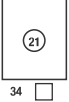
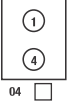
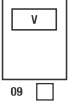
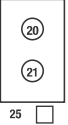

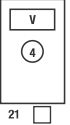
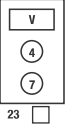
Polyamide Customized Control Station Specifications — Type: U4

Company Name: _____
Contact: _____
Phone/Fax: _____
Email: _____

Address: _____

Project: _____

Box Definition

Size 1	Size 2				Size 3			
 01 <input type="checkbox"/>	 34 <input type="checkbox"/>	 04 <input type="checkbox"/>	 09 <input type="checkbox"/>	 25 <input type="checkbox"/>	 11 <input type="checkbox"/>	 21 <input type="checkbox"/>	 23 <input type="checkbox"/>	

Entry Position



Entries — Clearance Hole

☐ M20

Earth Continuity Plate

☐ Brass Earth Plate
☐ Stainless Steel Earth Plate

Earth Stud — At Bottom

☐ Without
☐ M6 Stainless Steel Earth Stud
(via M20 entry)

Cable Glands

☐ Without
☐ Type: _____ Quantity: _____

Plugs

☐ Without
☐ Type: _____ Quantity: _____

Nameplate

Option	Type	Color	
<input type="checkbox"/> Without	<input type="checkbox"/> 58 x 18 mm	<input type="checkbox"/> White (black letters)	<input type="checkbox"/> Blue (white letters)
<input type="checkbox"/> With (complete Type and color)	Self-Adhesive Laminated Plastic	<input type="checkbox"/> Yellow (black letters)	<input type="checkbox"/> Black (white letters)
	Text (1 line): _____	<input type="checkbox"/> Red (white letters)	<input type="checkbox"/> Green (white letters)

Functions

Position	Actuator	Contacts	Insert	Legend Plate	Guard

Additional Instructions: _____

Unicode® 2 Series Customized Control Station

Increased Safety
Fiberglass Reinforced Polyester

Zone 1 and 2 – 21 and 22
Gas (G) and Dust (D)

Polyester Customized Control Station Specifications – Type: U4

Company Name: _____
Contact: _____
Phone/Fax: _____
Email: _____

Address: _____
Project: _____

Box Definition

Size 1	Size 2	Size 3
<div>1</div> <div>01 <input type="checkbox"/></div>	<div>1</div> <div>03* <input type="checkbox"/></div>	<div>20</div> <div>25 <input type="checkbox"/></div>
<div>2 3</div> <div>02 <input type="checkbox"/></div>	<div>1</div> <div>04 <input type="checkbox"/></div>	<div>1</div> <div>10* <input type="checkbox"/></div>
	<div>2 3</div> <div>05* <input type="checkbox"/></div>	<div>1</div> <div>11 <input type="checkbox"/></div>
	<div>1</div> <div>06 <input type="checkbox"/></div>	<div>1</div> <div>12* <input type="checkbox"/></div>
	<div>2 3</div> <div>07 <input type="checkbox"/></div>	<div>2 3</div> <div>13* <input type="checkbox"/></div>
	<div>2 3</div> <div>08 <input type="checkbox"/></div>	<div>10</div> <div>14 <input type="checkbox"/></div>
	<div>V</div> <div>09* <input type="checkbox"/></div>	<div>2 3</div> <div>15* <input type="checkbox"/></div>
	<div>V</div> <div>26 <input type="checkbox"/></div>	<div>2 3</div> <div>16 <input type="checkbox"/></div>
		<div>1</div> <div>17 <input type="checkbox"/></div>
		<div>2 3</div> <div>18 <input type="checkbox"/></div>
		<div>1</div> <div>19 <input type="checkbox"/></div>
		<div>2 3</div> <div>20 <input type="checkbox"/></div>
		<div>V</div> <div>21* <input type="checkbox"/></div>
		<div>V</div> <div>22* <input type="checkbox"/></div>
		<div>V</div> <div>23 <input type="checkbox"/></div>
		<div>V</div> <div>24 <input type="checkbox"/></div>

* Terminal block available as option. (maximum: 10 x terminals 2.5 mm²)

Entry Position

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Entries – Clearance Hole

☐ M20
☐ M25 ☐ 3/4" NPT (via hub)

Earth Continuity Plate

Brass Earth Plate as Standard
☐ Stainless Steel Earth Plate

Earth Stud – At Bottom

☐ Without
☐ M6 Stainless Steel Earth Stud
☐ M8 Stainless Steel Earth Stud

Location

☐ A ☐ B ☐ C ☐ D ☐ A, B, C, D

Cable Glands

☐ Without
☐ Type: _____ Quantity: _____

Plugs

☐ Without
☐ Type: _____ Quantity: _____

Nameplate

Option	Type	Color
<input type="checkbox"/> Without	<input type="checkbox"/> 58 x 18 mm Self-Adhesive Laminated Plastic	<input type="checkbox"/> White (black letters)
<input type="checkbox"/> With	<input type="checkbox"/> 65 x 18 mm Screw On Laminated Plastic	<input type="checkbox"/> Blue (white letters)
(complete Type and color)	<input type="checkbox"/> 65 x 18 mm Screw On in Stainless steel (available with black lettering only)	<input type="checkbox"/> Yellow (black letters)
	Text (1 line): _____	<input type="checkbox"/> Red (white letters)
		<input type="checkbox"/> Black (white letters)
		<input type="checkbox"/> Green (white letters)

Functions

Position	Actuator	Contacts	Insert	Legend Plate	Guard

* Terminal Blocks (optional)

Option for Box No. 03-05-09-10-12-13-15-21-22 only

Type

2.5 mm²

Quantity (10 maximum)

Additional Instructions:

Unicode® 2 Series Customized Control Station

Increased Safety

316L Stainless Steel

Zone 1 and 2 – 21 and 22

Gas (G) and Dust (D)

Stainless Steel Customized Control Station Specifications — Type: U6

Company Name: _____

Address: _____

Contact: _____

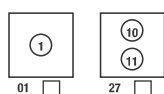
Phone/Fax: _____

Email: _____

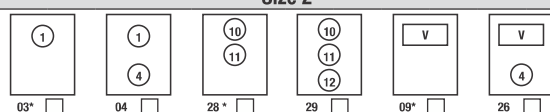
Project: _____

Box Definition

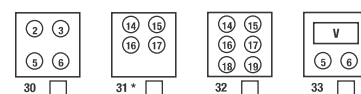
Size 1



Size 2

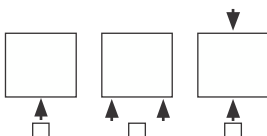


Size 3



* Terminal block available as option. (maximum: 10 x terminals 2.5 mm²)

Entry Position



Entries — Clearance Hole

- ☐ M20
- ☐ M25
- ☐ 3/4" NPT (via hub)

Earth Stud — At Bottom

- M6 Stainless Steel Earth Stud as Standard
- ☐ M8 Stainless Steel Earth Stud

Location

- ☐ A ☐ B ☐ C ☐ D ☐ A, B, C, D

Cable Glands

- ☐ Without
- ☐ Type:

Quantity: _____

Plugs

- ☐ Without
- ☐ Type:

Quantity: _____

Nameplate

Option

- ☐ Without
- ☐ With (complete Type and color)

Type

- ☐ 58 x 18 mm Self-Adhesive Laminated Plastic
- ☐ 65 x 18 mm Screw On Laminated Plastic
- ☐ 65 x 18 mm Screw On in Stainless steel (available with black lettering only)

Text (1 line): _____

Color

- ☐ White (black letters)
- ☐ Yellow (black letters)
- ☐ Red (white letters)
- ☐ Blue (white letters)
- ☐ Black (white letters)
- ☐ Green (white letters)

Functions

Position	Actuator	Contacts	Insert	Legend Plate	Guard

* Terminal Blocks (optional)

Option for Box No. 03-09-28-31 only

Type

2.5 mm²

Quantity (10 maximum)

Additional Instructions:

Unicode® 2 Series Customized Control Station

Increased Safety

Aluminum

Zone 1 and 2 – 21 and 22

Gas (G) and Dust (D)

Aluminum Customized Control Station Specifications — Type: U8

Company Name: _____

Contact: _____

Phone/Fax: _____

Email: _____

Address: _____

Project: _____

Box Definition

Size 1	Size 2	Size 3
<div>1</div> <div>01 <input type="checkbox"/></div>	<div>1</div> <div>03 * <input type="checkbox"/></div>	<div>20</div> <div>25 <input type="checkbox"/></div>
<div>2 3</div> <div>02 <input type="checkbox"/></div>	<div>1</div> <div>04 <input type="checkbox"/></div>	<div>1</div> <div>10 * <input type="checkbox"/></div>
	<div>2 3</div> <div>05 * <input type="checkbox"/></div>	<div>1</div> <div>11 <input type="checkbox"/></div>
	<div>1</div> <div>06 <input type="checkbox"/></div>	<div>1</div> <div>12 * <input type="checkbox"/></div>
	<div>2 3</div> <div>07 <input type="checkbox"/></div>	<div>2 3</div> <div>13 * <input type="checkbox"/></div>
	<div>2 3</div> <div>08 <input type="checkbox"/></div>	<div>10</div> <div>14 <input type="checkbox"/></div>
	<div>V</div> <div>09 * <input type="checkbox"/></div>	<div>2 3</div> <div>15 * <input type="checkbox"/></div>
	<div>V</div> <div>26 <input type="checkbox"/></div>	<div>2 3</div> <div>16 <input type="checkbox"/></div>
		<div>1</div> <div>17 <input type="checkbox"/></div>
		<div>2 3</div> <div>18 <input type="checkbox"/></div>
		<div>1</div> <div>19 <input type="checkbox"/></div>
		<div>2 3</div> <div>20 <input type="checkbox"/></div>
		<div>V</div> <div>21 * <input type="checkbox"/></div>
		<div>V</div> <div>22 * <input type="checkbox"/></div>
		<div>V</div> <div>23 <input type="checkbox"/></div>
		<div>V</div> <div>24 <input type="checkbox"/></div>

* Terminal block available as option. (maximum: 10 x terminals 2.5 mm²)

Entry Position

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Entries — Clearance Hole

☐ M20

☐ M25

☐ 3/4" NPT (via hub)

Earth Stud — At Bottom

M5 External Earth Stud as Standard

☐ M6 Stainless Steel Earth Stud

☐ M8 Stainless Steel Earth Stud

Location

☐ A ☐ B ☐ C ☐ D ☐ A, B, C, D

Cable Glands

☐ Without

☐ Type: _____ Quantity: _____

Plugs

☐ Without

☐ Type: _____ Quantity: _____

Nameplate

Option	Type
<input type="checkbox"/> Without	<input type="checkbox"/> 58 x 18 mm Self-Adhesive Laminated Plastic
<input type="checkbox"/> With	<input type="checkbox"/> 65 x 18 mm Screw On Laminated Plastic
(complete Type and color)	<input type="checkbox"/> 65 x 18 mm Screw On in Stainless steel (available with black lettering only)

Text (1 line): _____

Color	Color
<input type="checkbox"/> White (black letters)	<input type="checkbox"/> Blue (white letters)
<input type="checkbox"/> Yellow (black letters)	<input type="checkbox"/> Black (white letters)
<input type="checkbox"/> Red (white letters)	<input type="checkbox"/> Green (white letters)

Functions

Position	Actuator	Contacts	Insert	Legend Plate	Guard

* Terminal Blocks (optional)

Option for Box No. 03-05-09-10-12-13-15-21-22 only

Type

2.5 mm²

Quantity (10 maximum)

Additional Instructions: