

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Control Stations



Polamide U43W211



Polyester U23W211



Stainless Steel U62W229



Aluminum U83W211

Compliance Data:

ATEX – IEC and IECEx (Polyester):

Zone 1 & 2 – 21 & 22	ATEX	II 2 GD	IEC / IECEx	CE
Ex de IIC / Ex demb IIC	T6 to T5	Ex tD A21	T75°C to T95°C	IP66 – IK09/10



Voltage and Amperage:

Voltage	Amperage	Pilot Light Voltage
Up to 500 V	16 A	12 Vac to 254 Vac 50/60 Hz and 12 Vdc to 60 Vdc

Operating Temperature:

Polyamide (PCe)	Polyester (CSPe)	Stainless Steel (JBe)	Aluminum (PCe)	
-20°C to +55°C	-55°C to +60°C -40°C to +60°C -25°C to +60°C	-50°C to +60°C -40°C to +60°C -25°C to +60°	-55°C to +60°C -40°C to +60°C -25°C to +60°C	
(depending on type of actuator)				

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Polyamide Control Stations

Zone 1 & 2 – 21 & 22

Ex II 2 GD

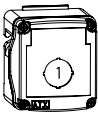
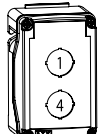
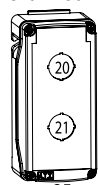
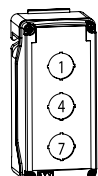
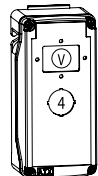
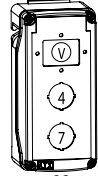
ATEX / IEC

IP66 – IK09

Ordering Information - Polyamide Pre-drilled Boxes for Control Stations

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), 2 clearance entries at bottom.



	Description/ Function	Entries	Catalog Number 2 Bottom	Weight (kg)	Volume (dm³)
Size 1 Pre-drilled Enclosures					
 01	For 1 actuator 1 vertical rail	M20	U41W2 01	0.7	2.5
Size 2 Pre-drilled Enclosures					
 34	For 1 actuator 1 vertical rail	M20	U42W2 34	0.9	2.5
 04	For 2 actuators 1 vertical rail	M20	U42W2 04	0.9	2.5
Size 3 Pre-drilled Enclosures					
 25	For 2 actuators 1 vertical rail	M20	U43W2 25	1	2.5
 11	For 3 actuators 1 vertical rail	M20	U43W2 11	1	2.5
 21	For 1 ammeter 48 x 48 + 1 actuator 1 vertical rail	M20	U43W2 21	1	2.5
 23	For 1 ammeter 48 x 48 + 2 actuators 1 vertical rail	M20	U43W2 23	1	2.5

CONTROL STATIONS & SWITCHES

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Polyester Control Stations

Zone 1 & 2 – 21 & 22

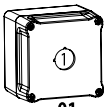
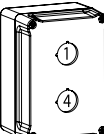
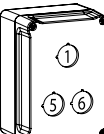
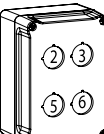
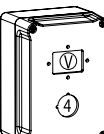
II 2 GD

ATEX / IECEx

IP66 – IK10

Ordering Information - Polyester Pre-Drilled Boxes for Control Stations:

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), 1 earth continuity brass plate, threaded entries.

Description/ Function		Entries	Catalog Number 1 Bottom	Catalog Number 2 Bottom	Catalog Number Feed-Thru	Weight (kg)	Volume (dm ³)
Size 1 Pre-Drilled Enclosures							
 01	For 1 actuator 1 horizontal rail	M20 M25	U21W1 01 U21W3 01	U21W2 01 U21W4 01	U21U1 01 U21U3 01	0.8	2.7
	For 2 actuators 1 horizontal rail	M20 M25	U21W1 02 U21W3 02	U21W2 02 U21W4 02	U21U1 02 U21U3 02	0.8	2.7
Size 2 Pre-Drilled Enclosures							
 04	For 2 actuators 1 vertical rail	M20 M25	U22W1 04 U22W3 04	U22W2 04 U22W4 04	U22U1 04 U22U3 04	1	4.2
 06	For 3 actuators 2 horizontal rails	M20 M25	U22W1 06 U22W3 06	U22W2 06 U22W4 06	U22U1 06 U22U3 06	1	4.2
 08	For 4 actuators 2 horizontal rails	M20 M25	U22W1 08 U22W3 08	U22W2 08 U22W4 08	U22U1 08 U22U3 08	1	4.2
 26	For 1 ammeter 48x48 +1 actuator 1 vertical rail	M20 M25	U22W1 26 U22W3 26	U22W2 26 U22W4 26	U22U1 26 U22U3 26	1	4.2

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Polyester Control Stations

Zone 1 & 2 – 21 & 22

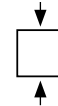
Ex II 2 GD

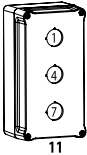
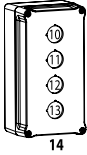
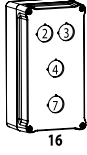
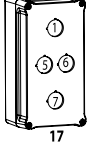
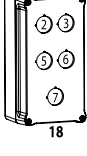
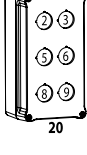
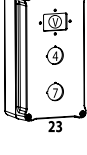
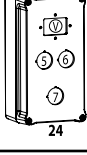
ATEX / IECEx

IP66 – IK10

Ordering Information - Polyester Pre-drilled Boxes for Control Stations — Continued:

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), 1 earth continuity brass plate, threaded entries.



Description/ Function	Entries	Catalog Number 1 Bottom	Catalog Number 2 Bottom	Catalog Number Feed-Thru	Weight (kg)	Volume (dm ³)
Size 3 Pre-drilled Enclosures (230 mm x 120 mm x 91 mm)						
 11	For 3 actuators 1 vertical rail	M20 M25	U23W1 11 U23W3 11	U23W2 11 U23W4 11	U23U1 11 U23U3 11	1.1 4.2
 14	For 4 actuators 1 vertical rail	M20 M25	U23W1 14 U23W3 14	U23W2 14 U23W4 14	U23U1 14 U23U3 14	1.1 4.2
 16	For 4 actuators 3 horizontal rails	M20 M25	U23W1 16 U23W3 16	U23W2 16 U23W4 16	U23U1 16 U23U3 16	1.1 4.2
 17	For 4 actuators 3 horizontal rails	M20 M25	U23W1 17 U23W3 17	U23W2 17 U23W4 17	U23U1 17 U23U3 17	1.1 4.2
 18	For 5 actuators 3 horizontal rails	M20 M25	U23W1 18 U23W3 18	U23W2 18 U23W4 18	U23U1 18 U23U3 18	1.1 4.2
 20	For 6 actuators 3 horizontal rails	M20 M25	U23W1 20 U23W3 20	U23W2 20 U23W4 20	U23U1 20 U23U3 20	1.1 4.2
 23	For 1 ammeter 48x48 + 2 actuators 1 vertical rail	M20 M25	U23W1 23 U23W3 23	U23W2 23 U23W4 23	U23U1 23 U23U3 23	1.1 4.2
 24	For 1 ammeter 48x48 + 3 actuators 1 vertical rail (V) 2 horizontal rails (5-6-7)	M20 M25	U23W1 24 U23W3 24	U23W2 24 U23W4 24	U23U1 24 U23U3 24	1.1 4.2

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Stainless Steel Control Stations

Zone 1 & 2 – 21 & 22

II 2 GD

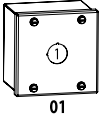
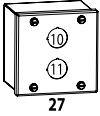
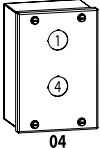
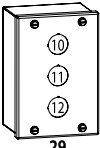
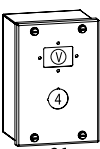
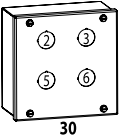
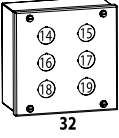
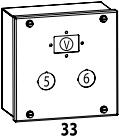
ATEX / IEC

IP66 – IK10

Ordering Information - Stainless Steel Pre-drilled

Boxes for Control Stations:

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), clearance entries.

Description/ Function		Entries	Catalog Number 1 Bottom	Catalog Number 2 Bottom	Catalog Number Feed-Thru	Weight (kg)	Volume (dm ³)
Size 1 Pre-drilled Enclosures							
	For 1 actuator 1 vertical rail	M20 M25	U61W1 01 U61W3 01	U61W2 01 U61W4 01	U61U1 01 U61U3 01	1	2.7
	For 2 actuators 1 vertical rail	M20 M25	U61W1 27 U61W3 27	U61W2 27 U61W4 27	U61U1 27 U61U3 27	1	2.7
Size 2 Pre-drilled Enclosures							
	For 2 actuators 1 vertical rail	M20 M25	U62W1 04 U62W3 04	U62W2 04 U62W4 04	U62U1 04 U62U3 04	1.5	3.6
	For 3 actuators 1 vertical rail	M20 M25	U62W1 29 U62W3 29	U62W2 29 U62W4 29	U62U1 29 U62U3 29	1.5	3.6
	For 1 ammeter 48x48 + 1 actuator 1 vertical rail	M20 M25	U62W1 26 U62W3 26	U62W2 26 U62W4 26	U62U1 26 U62U3 26	1.5	3.6
Size 3 Pre-drilled Enclosures							
	For 4 actuators 2 vertical rails	M20 M25	U63W1 30 U63W3 30	U63W2 30 U63W4 30	U63U1 30 U63U3 30	1.8	5.3
	For 6 actuators 2 vertical rails	M20 M25	U63W1 32 U63W3 32	U63W2 32 U63W4 32	U63U1 32 U63U3 32	1.8	5.3
	For 1 ammeter 48 x 48 + 2 actuators 1 vertical rail (V) 1 horizontal rail (5-6)	M20 M25	U63W1 33 U63W3 33	U63W2 33 U63W4 33	U63U1 33 U63U3 33	1.8	5.3

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Aluminum Control Stations

Zone 1 & 2 – 21 & 22

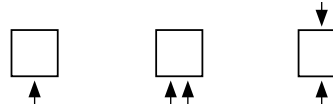
Ex II 2 GD

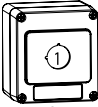
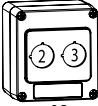
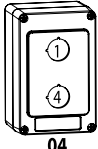
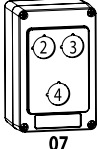
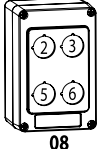
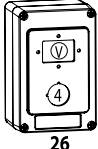
ATEX / IEC

IP66 – IK10

Ordering Information - Aluminium Pre-drilled boxes for Control Stations:

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), clearance entries.



Description/ Function	Entries	1 Bottom	2 Bottom	Feed-Thru	Weight (kg)	Volume (dm ³)
Size 1 Pre-drilled Enclosures						
 01	For 1 actuator 1 horizontal rail	M20	U81W1 01	U81W2 01	U81U1 01	1 2.7
 02	For 2 actuators 1 horizontal rail	M20	U81W1 02	U81W2 02	U81U1 02	1 2.7
Size 2 Pre-drilled Enclosures						
 04	For 2 actuators 1 vertical rail	M20	U82W1 04	U82W2 04	U82U1 04	1.5 2.7
 07	For 3 actuators 2 horizontal rails	M20	U82W1 07	U82W2 07	U82U1 07	1.5 2.7
 08	For 4 actuators 2 horizontal rails	M20	U82W1 08	U82W2 08	U82U1 08	1.5 2.7
 26	For 1 Ammeter 48x48 + 1 actuator 1 vertical rail	M20	U82W1 26	U82W2 26	U82U1 26	1.5 2.7

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Aluminum Control Stations

Zone 1 & 2 – 21 & 22

II 2 GD

ATEX / IEC

IP66 – IK10

Ordering Information - Aluminum Pre-drilled Boxes for Control Stations — Continued:

Standard equipment: 1 white self-adhesive laminated plastic nameplate (black lettering), clearance entries.

Description/ Function	Entries	Catalog Number 1 Bottom	Catalog Number 2 Bottom	Catalog Number Feed-Thru	Weight (kg)	Volu (dm³)

Size 3 Pre-drilled Enclosures (230 mm x 110 mm x 95 mm)



For 3 actuators
1 vertical rail

M20
M25

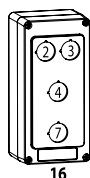
U83W1 11
U83W3 11

U83W2 11
U83W4 11

U83U1 11
U83U3 11

1.8

4.2



For 4 actuators
3 horizontal rails

M20
M25

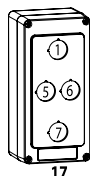
U83W1 16
U83W3 16

U83W2 16
U83W4 16

U83U1 16
U83U3 16

1.8

4.2



For 4 actuators
3 horizontal rails

M20
M25

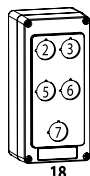
U83W1 17
U83W3 17

U83W2 17
U83W4 17

U83U1 17
U83U3 17

1.8

4.2



For 5 actuators
3 horizontal rails

M20
M25

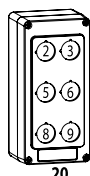
U83W1 18
U83W3 18

U83W2 18
U83W4 18

U83U1 18
U83U3 18

1.8

4.2



For 6 actuators
3 horizontal rails

M20
M25

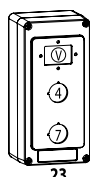
U83W1 20
U83W3 20

U83W2 20
U83W4 20

U83U1 20
U83U3 20

1.8

4.2



For 1 ammeter 48x48
+ 2 actuators
1 vertical rail

M20
M25

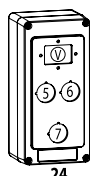
U83W1 23
U83W3 23

U83W2 23
U83W4 23

U83U1 23
U83U3 23

1.8

4.2



For 1 ammeter 48x48
+ 3 actuators
1 vertical rail (V)
2 horizontal rails (5-6-7)

M20
M25

U83W1 24
U83W3 24

U83W2 24
U83W4 24

U83U1 24
U83U3 24

1.8

4.2

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Control Stations

Zone 1 & 2 – 21 & 22

II 2 GD

ATEX / IEC / IECEx

IP66 – IK09/10

Compliances:

Polyester			Polyamide	
Hazardous Area	Gas	Dust	Gas	Dust
Certified Type	CSPe		PCe	
Zones	1–2	21–22	1–2	21–22
Conforming to ATEX 94/9/CE	CE 0081 Ⓔ II 2 G	CE 0081 Ⓔ II2 D	CE 0081 Ⓔ II 2 G	CE 0081 Ⓔ II2 D
Symbol of Protection ATEX	Ex de IIC / Ex demb IIC	Ex tD A21	Ex de IIC / Ex demb IIC	Ex tD A21
Symbol of Protection IEC				
T Rating	T6	N.A.	T6	N.A.
Surface Temperature	N.A.	T75°C	N.A.	T75°C
Ambient Temperature	-55°C to +60°C		-20°C to +55°C	
CE Declaration of Conformity	50284		50221	
ATEX Certificate	LCIE 09 ATEX 3032X		LCIE 00 ATEX 6047	
IEC or IECEx Certificate	IECEx LCI 09.0016X		LCIE Ex 00.017	
Other Certifications	GOST			
Index of Protection (solid and liquid)	IP66			
Impact Resistance (shock)	IK10		IK09	

Stainless Steel			Aluminum	
Hazardous Area	Gas	Dust	Gas	Dust
Certified Type	JBe		PCe	
Zones	1–2	21–22	1–2	21–22
Conforming to ATEX 94/9/CE	CE 0081Ⓔ II 2 G	CE 0081Ⓔ II2 D	CE 0081Ⓔ II 2 G	CE 0081Ⓔ II2 D
Symbol of Protection ATEX	Ex de IIC / Ex demb IIC	Ex tD A21	Ex de IIC / Ex demb IIC	Ex tD A21
Symbol of Protection IEC				
T Rating	T6 to T5	N.A.	T6	N.A.
Surface Temperature	N.A.	T80°C to 95°C	N.A.	T80°C
Ambient Temperature	-50°C to +70°C		-55°C to +60°C	
CE Declaration of Conformity	50232		50221	
ATEX Certificate	LCIE 02 ATEX 6118X		LCIE 00 ATEX 6047	
IEC Certificate	LCIE Ex 02.010X		LCIE Ex 00.017	
Other Certifications	GOST			
Index of Protection (solid and liquid)	IP66			
Impact Resistance (shock)	IK10		IK10	

Control Stations & Switches: Control Stations – Increased Safety

Unicode 2 Series: Pre-drilled Control Stations

Zone 1 & 2 – 21 & 22

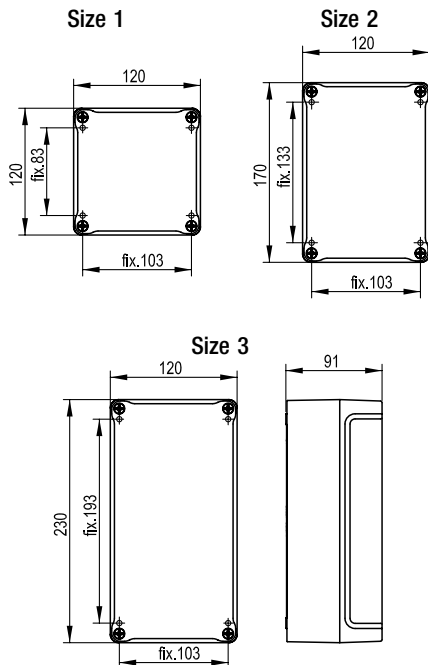
II 2 GD

ATEX / IEC / IECEx

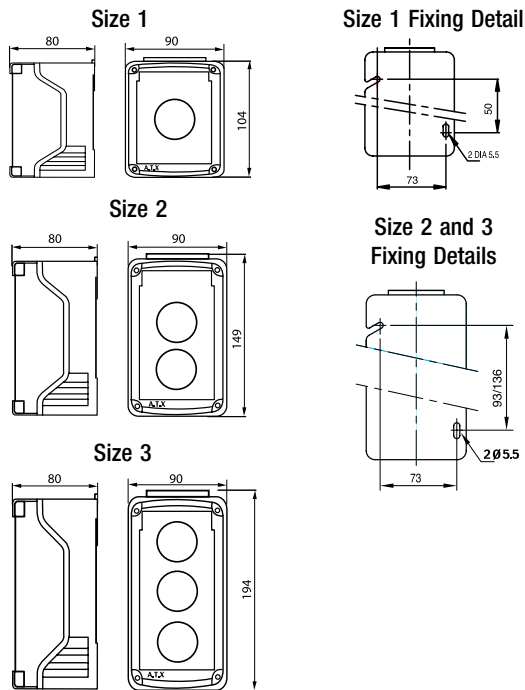
IP66 – IK09/10

Dimensions (mm):

Polyester (CSPe)

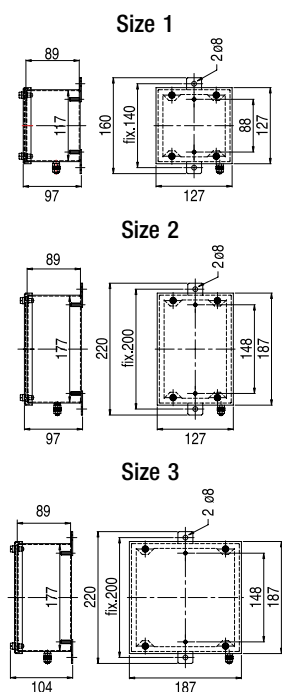


Polyamide (PCe)

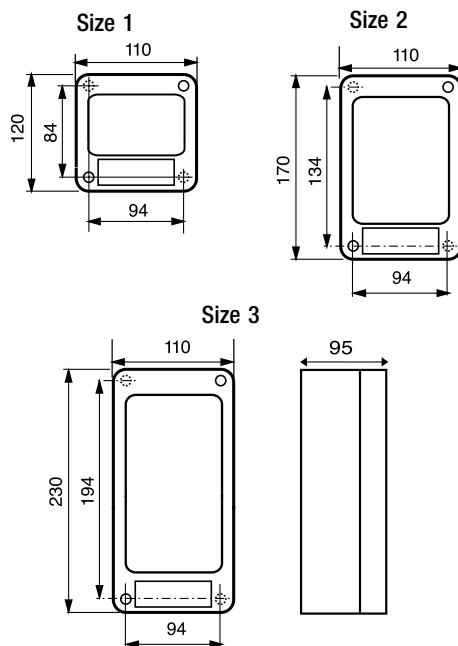


Fixing: Four holes dia. 5 mm

Stainless Steel (JBe)



Aluminum (PCe)



Fixing: Two holes dia. 5 mm