

EX-D LOCAL CONTROL STATIONS

Zones 1, 2, 21, 22

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CONTROL & CONNECTION EQUIPMENT

ATEX CONTROL STATIONS

ZONES 1, 2 (gas) & 21, 22 (dust)

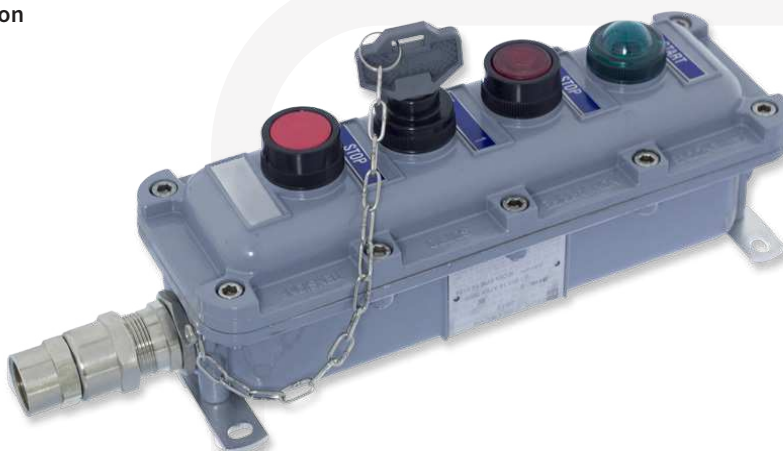
Ex-d local control stations certified for application in hazardous area zones 1,2 and zones 21,22.

- Pushbuttons
- Pilot lights
- Mushroom type pushbuttons
- Switches

External screws in stainless steel.



EU-Type Examination Certificate



Fully configurable through a huge variety of elements.

ITEM REFERENCES

Designation:	Cable entries:	A	B	C	Weight (g):
PB1 - 1 Element (IIC)	2x3/4" NPT	106	86	87	480
PB2 - 2 Elements (IIC)	2x3/4" NPT	156	136	87	685
PB3 - 3 Elements (IIB+ H ₂)	2x3/4" NPT	206	186	87	890
PB4 - 4 Elements (IIB+ H ₂)	2x1" NPT	256	236	82	1520

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex d IIC o IIB+H ₂ T6-T4 Gb II 2D Ex tb IIC T85°C-T135°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Ingress protection:	IP66
Material:	Aluminium RAL 7000
Nominal current:	10 A
Nominal isolation voltage:	660 V
Nominal pulse voltage:	U _{imp} =6 kV
Short circuit protection U _e <500 VAC:	10 A
Terminals:	According to IEC/EN 60947-1
Max. wires section:	2x2,5 mm ²
Working cycles:	1800 operations/hr (max)

TEMPERATURES

Command/Signalling:	Temp. class:		Max. T. Range:
	Gas	Dust	
LED lamps	T6	T85°C	-50°C to +60°C
	T5	T100°C	-50°C to +80°C
Command units	T6	T85°C	-50°C to +80°C

AC15 - A600

Voltage:	24 V	240 V	400 V
Current:	10 A	6 A	4 A

DC13 - Q600

Voltage:	24 V	125 V	250 V
Current:	2,8 A	0,55 A	0,27 A

MANIPULATORS

Voltage:	400 V AC
Current:	10 A

SIGNALLING LAMPS

Voltage:	260 V AC
Lamp:	LED

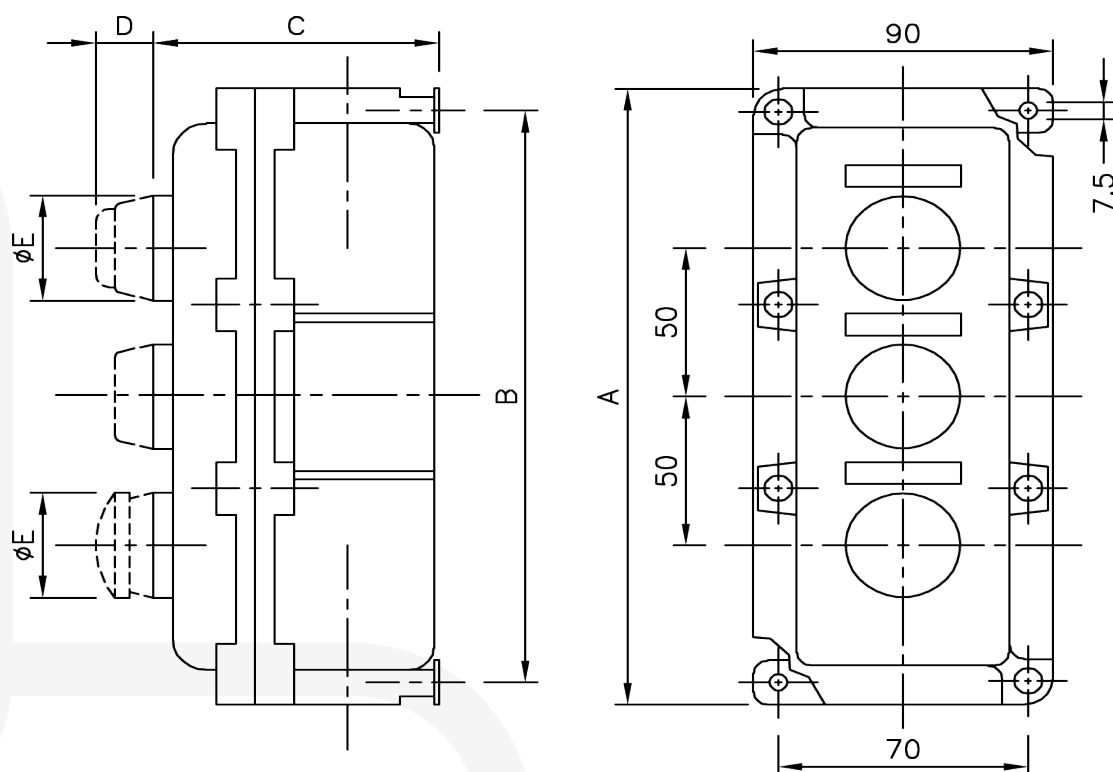
ILLUMINATED PUSHBUTTONS

Max. voltage:	230 V AC/DC
Max. power:	2 W

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ELEMENTS				
Designation:	Dimensions (mm):		Contacts:	Weight (g):
	D	ØE		
START pushbutton	16	32	1NO	90
STOP pushbutton	16	32	1NC	90
Lighting START pushbutton	16	32	1NO	130
Lighting STOP pushbutton	16	32	1NC	130
Mushroom type pushbutton with spring return	30	50	1NO+1NC	100
Key switch 1-2 poles (pos. 0-1)	60	30	-	400
Two position key changeover switch 1-2 poles (pos. 1-2)	60	30	-	400
Three position key changeover switch 1-2 poles (pos. 1-0-2)	60	30	-	400
Triangular key switch 1-2 poles (pos. 0-1)	50	41	-	370
Two position triangular key changeover switch 1-2 poles (pos. 1-2)	50	41	-	370
Three position triangular key changeover switch 1-2 poles (pos. 1-0-2)	50	41	-	370
Mushroom type pushbutton with locking	30	50	1NO+1NC	100
Mushroom type pushbutton with rotary locking	58	33	1NO+1NC	180
Mushroom type pushbutton with locking and keylock	58	33	1NO+1NC	180
Pilot light	16	32	-	130
Switch 1-2 poles (pos. 0-1)	22	32	-	300
Two way changeover switch 1-2 poles (pos. 1-2)	22	32	-	300
Three way changeover switch 1-2 poles (pos. 1-0-2)	22	32	-	300

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