

MIKE-D

Pendant control station



Pendant control station for **direct control** of industrial machines. Ergonomic, handy, user-friendly and sturdy, Mike-D is the result of careful analysis of ergonomic aspects and it is rich in high-performing features to meet the most demanding requirements.

FEATURES

- Reduced installation and wiring time and costs: the cable inlet and the switches fitted in the base of the control station are separated from the actuators, mounted on the cover.
- Innovative suspension system with concealed cables to enable rapid, correct, ergonomic installation.
- Rubber pushbuttons with symbol disks to ensure protection against dust and prevent jamming when the control station is used in harsh environments.
- The emergency stop mushroom pushbutton complies with standard ISO 13850.
- IP protection degree: Mike-D is classified IP 65, IP 66, IP 67 and IP 69K.
- IK protection degree: Mike-D is classified IK 09.
- Extreme temperature resistance: -25°C to +70°C.
- All materials and components used are wear resistant and guarantee protection of the unit against water and dust.

OPTIONS

- Available in configurations with 3 (1 speed version) or 4 actuators (2 speed version).
- Direct control 1 speed two-pole switches and 1 speed three-pole switches for emergency mushroom pushbutton.
- Mechanical interlock to prevent simultaneous operation of opposite functions.
- 1 speed pushbuttons available in different colours and latched mushroom pushbutton with rotation release.
- Available with labels (symbols and lettering) to be applied next to the actuators or with pushbuttons with two-colour moulded permanent symbols.

CERTIFICATIONS

- CE marking.

Fill in the "request form" for accurate product configuration.

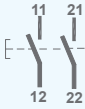
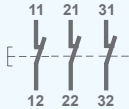
CERTIFICATIONS

Conformity to Community Directives	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
Conformity to CE Standards	EN 60204-1 Safety of machinery - Electrical equipment of machines
	EN 60947-1 Low-voltage switchgear and controlgear
	EN 60947-3 Low-voltage switchgear and controlgear - Switches, disconnectors, switch-disconnectors and fuse-combination units
	EN 60529 Degrees of protection provided by enclosures
Markings and homologations	ISO 13850 Safety of machinery - Emergency stop - Principles for design
	CE

GENERAL TECHNICAL SPECIFICATIONS

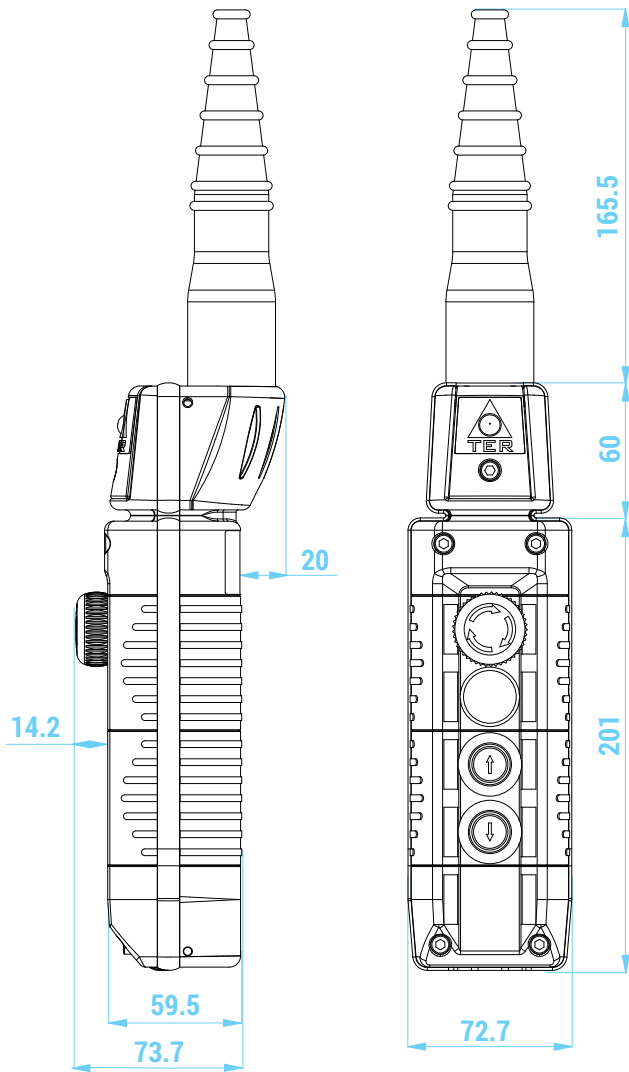
Ambient temperature	Storage -40°C/+70°C
	Operational -25°C/+70°C
IP protection degree	IP 65 / IP 66 / IP 67 / IP 69K
IK protection degree	IK 09
Insulation category	Class II
Cable entry	Rubber cable sleeve (Ø 8÷26 mm)
	Cable gland M20
Operating positions	Any position
Mechanical life of pushbuttons	10x10 ⁶ operations

TECHNICAL SPECIFICATIONS OF THE SWITCHES

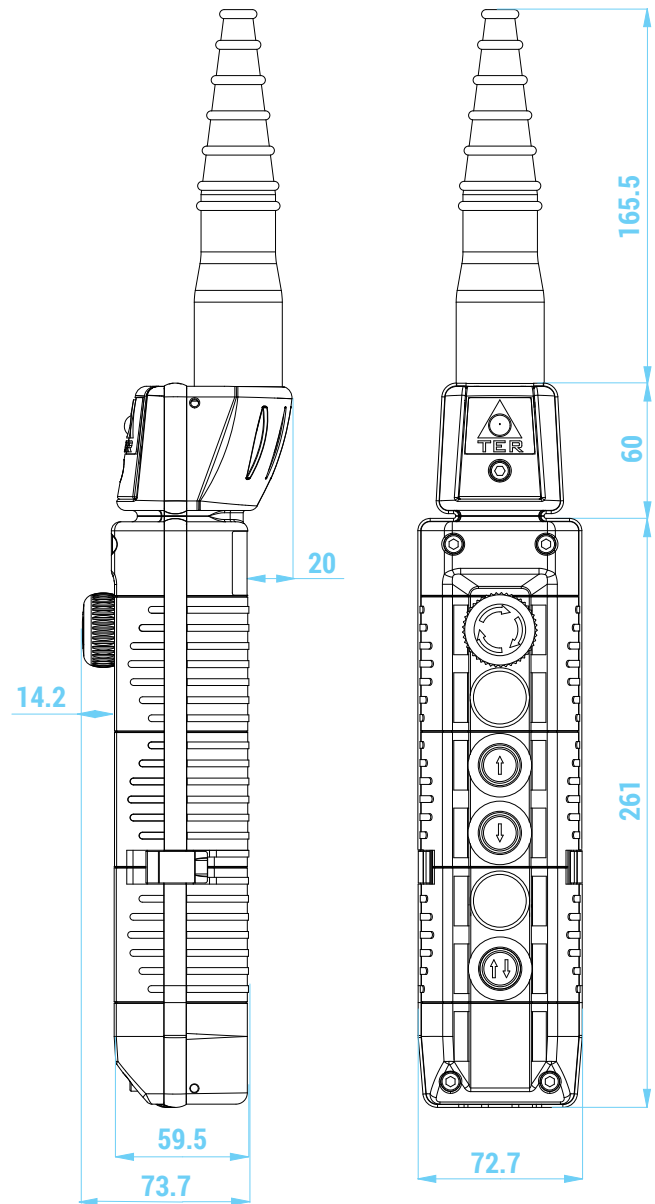
Code	PRSL1900PI	PRSL1902PI
Utilisation category	AC 3 - AC 4	AC 23B
Rated operational current	10 A	
Rated operational voltage	400 Vac	
Rated operational power	3 kW	
Rated thermal current	20 A	
Rated insulation voltage	660 Vac	
Connections	Screw-type terminals	
Wires	1x2.5 mm ² , 2x1.5 mm ²	
Tightening torque	0.8 Nm	
Switch type	Two poles , 1 speed	Three poles , 1 speed
Contacts	2NO	3NC
Scheme		
Markings and homologations	CE	

OVERALL DIMENSIONS (mm)

1 speed



2 speeds



Dimensions of the mushroom pushbutton refer to the released position.

STANDARD CONTROL STATIONS

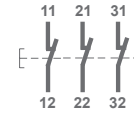
1 speed

F72AY00001



Latched mushroom pushbutton

No. 1 PRSL1902PI



Blanking plug

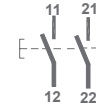
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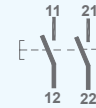
No. 2 buttons mechanically interlocked



No. 1 PRSL1900PI



No. 1 PRSL1900PI



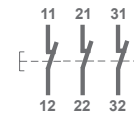
2 speeds

F72EY00001



Latched mushroom pushbutton

No. 1 PRSL1902PI



Blanking plug

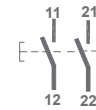
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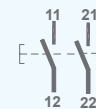
No. 2 buttons mechanically interlocked



No. 1 PRSL1900PI



No. 1 PRSL1900PI



Blanking plug

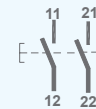
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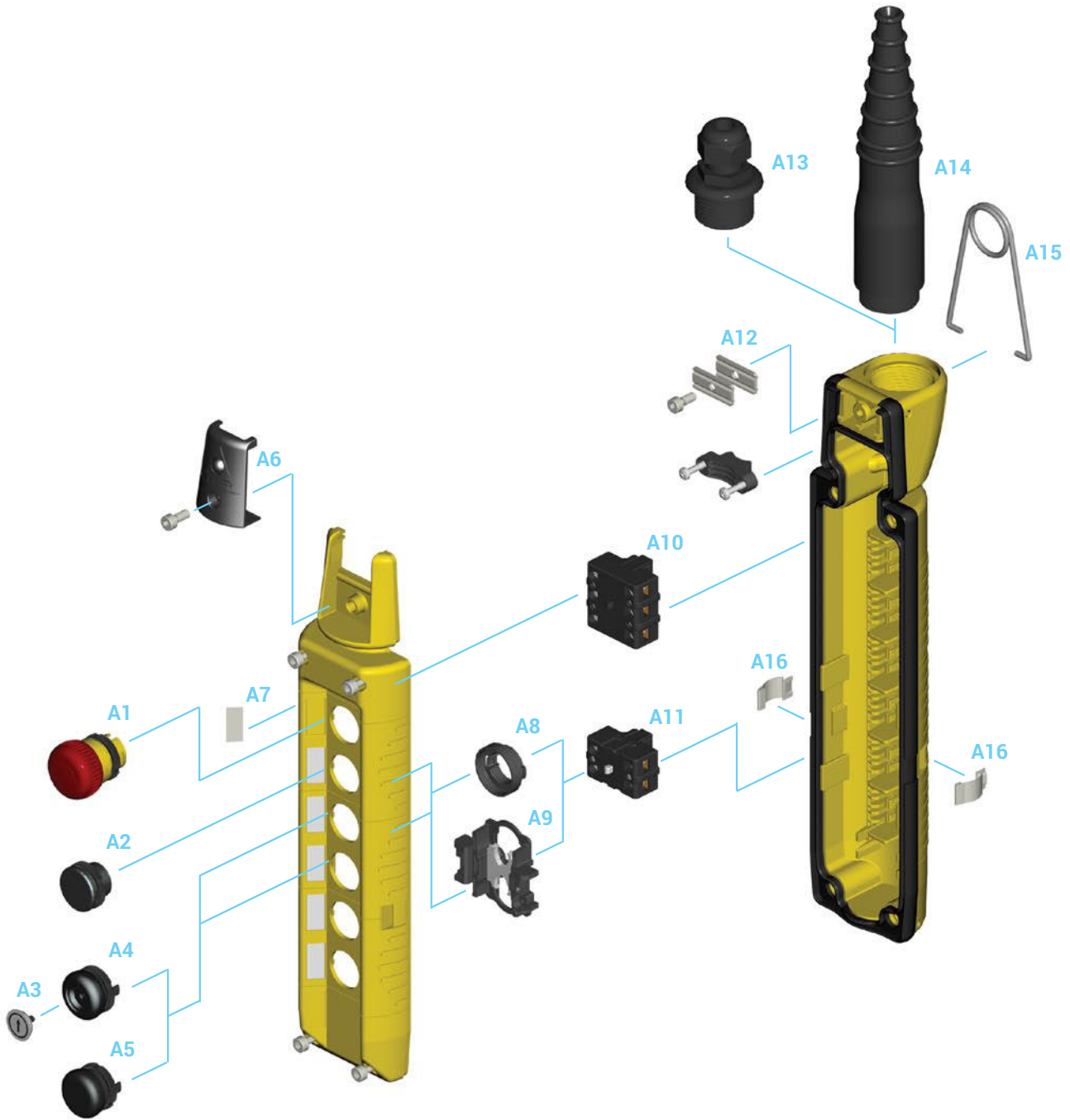
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No. 1 button



No. 1 PRSL1900PI

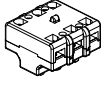
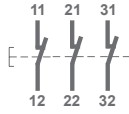

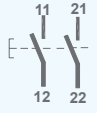








Refer to the following tables for descriptions of components: "Switches", "Actuators", "Mushroom pushbuttons" and "Accessories".

COMPONENTS


Switches

Ref.	Drawing	Description	Scheme	Code
A10		1 speed three-pole 3NC switch for emergency mushroom pushbutton		PRSL1902PI
A11		1 speed two-pole 2NO switch		PRSL1900PI




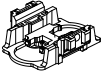


Actuators

Ref.	Drawing	Description	Code
A2		Blanking plug	PRSL1845PI
A3		Disk for pushbutton	PRTA_----- See disk table
A4		1 speed pushbutton	PRSL1811PI
A5		1 speed black pushbutton	PRSL1806PI
		1 speed grey pushbutton	PRSL1807PI

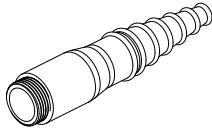
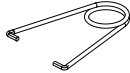

Mushroom pushbuttons

Ref.	Drawing	Description	Code
A1		Latched mushroom pushbutton for emergency stop	PRSL1880PI

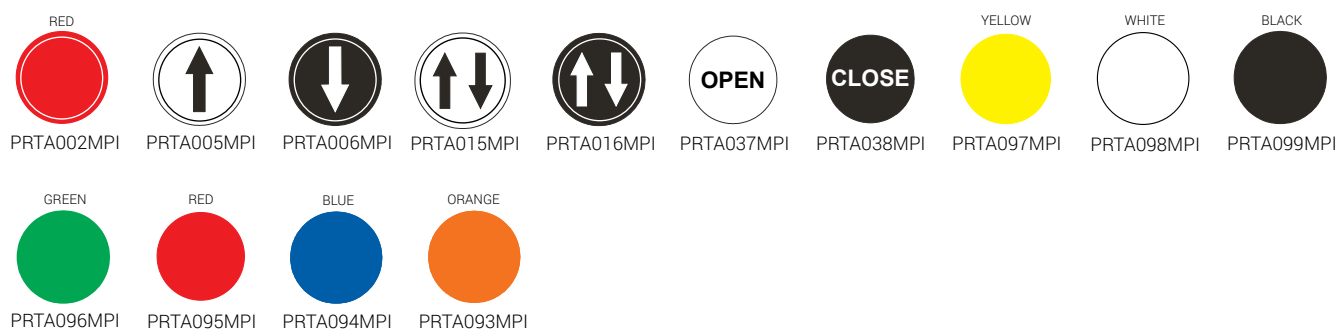
Accessories

Ref.	Drawing	Description	Code
A6		Cable cover with TER logo	PRSL1832PI
		Blank cable cover	PRSL1836PI
A7		Label sheet	Code on request
A8		Button-switch spacer	PRSL8512PI
A9		Mechanical interlock	PRSL1850PI
A12		Complete wire clamp	PRSL1896PI
A13		Cable gland M20 with reduction	PRSL1910PI

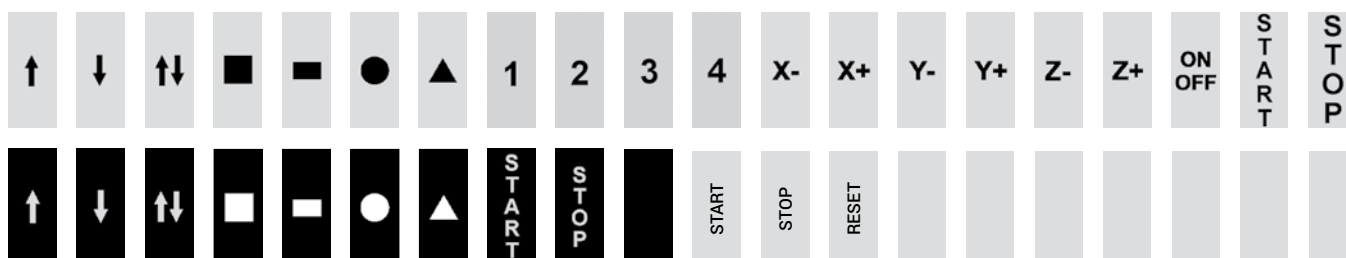
Accessories

Ref.	Drawing	Description	Code
A14		Cable sleeve	PRSL0145PE
A15		Hook	PRGA0012PE
A16		Closing clip (only for 2 speed version)	PRTR1035PE

Disks



Label sheet



MIKE-D - REQUEST FORM FOR NON STANDARD PENDANT STATION

Instructions

Fill in the chart to the left according to the type of the pendant station required (1 or 2 speeds).

- 1 **Pushbuttons:** tick the box corresponding to the type of pushbutton required.
 - 2 **Button disks:** for pushbuttons with disks, enter the number corresponding to the disk required (10 to 23) according to the legend.
- If you choose **disks with arrows**, enter the direction of the arrow in the corresponding circle. Eg.
- 3 **Hook:** tick the box at the top or at the bottom if the hook is required. Eg. Hook
 - 4 **Cable sleeve and cable gland:** tick the appropriate box to specify if you require the cable sleeve or the cable gland. Eg. Cable sleeve
 - 5 **Label sheet:** stickers with letterings or symbols may be placed on the left and on the right of any control element. If label sheets are required, tick the corresponding box.

2 Button disks

10	13	16 CLOSE	19 BLACK	22 BLUE
11	14	17 YELLOW	20 GREEN	23 ORANGE
12	15 OPEN	18 WHITE	21 RED	

MIKE-D 1 SPEED
MIKE-D 2 SPEEDS

3	<input type="checkbox"/> Hook			
4	<input type="checkbox"/> Cable sleeve <input type="checkbox"/> Cable gland			
2	Button disk <input type="checkbox"/>			1
				<input type="checkbox"/> Pushbutton with disk <input type="checkbox"/> Grey pushbutton <input type="checkbox"/> Black pushbutton
2	Button disk <input type="checkbox"/>			1
				<input type="checkbox"/> Pushbutton with disk <input type="checkbox"/> Grey pushbutton <input type="checkbox"/> Black pushbutton
2	Button disk <input type="checkbox"/>			1
				<input type="checkbox"/> Pushbutton with disk <input type="checkbox"/> Grey pushbutton <input type="checkbox"/> Black pushbutton
3	<input type="checkbox"/> Hook			
5	<input type="checkbox"/> Label sheet			

Remarks

