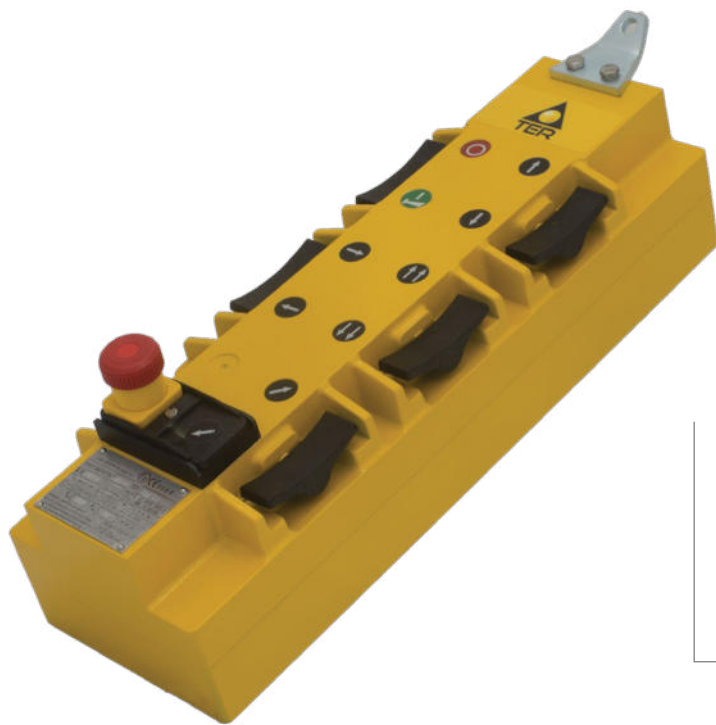


# SPA EXPLOSION PROOF HAZARDOUS AREAS Pendant control station



Explosion proof pendant control station for auxiliary control. Rugged, sturdy and reliable, SPA Explosion Proof is designed for heavy industry in potentially explosive areas.

## FEATURES

- Enclosures with actuators placed on a double row to enable grouping of a large number of functions in a single control.
- The emergency stop mushroom pushbutton complies with standard EN418.
- Mechanical life of switches: 1 million operations.
- IP protection degree: SPA Explosion Proof is classified IP66.
- Extreme temperature resistance: -50°C to +55°C.
- It features solid but light weight body made of aluminum, or stainless steel AISI 316 or chrome-plated cast-iron (optional versions), resistant to temperature changes and corrosive environments.

## OPTIONS

- Available in configurations from 2 to 12 actuators, arranged on a double row.
- 1 or 2 speed switches with NO or NC contacts.
- Mechanical interlock to prevent simultaneous operation of opposite functions.

## CERTIFICATIONS

- CE marking.
- Atex certification EN 60079-0: 2012+A1: 2013, EN 60079-1 Ed.7: 2014, EN 60079-31:2014.
- Conformity to Standards IECEx IEC 60079-0: 2011, IEC 60079-1: 2014, IEC 60079-31: 2014.

Fill in the "request form" to configure properly the product.

## CERTIFICATIONS

	EN 60079-0:2012 + A1:2013 Explosive atmospheres - Equipment - General requirements
Conformity to Atex Standards	EN 60079-1 Ed.7 :2014 Explosive atmospheres - Equipment protection by flameproof enclosures 'd'
	EN 60079-31:2014 Explosive atmospheres - Equipment dust ignition protection by enclosure "t"
Conformity to IECEx Standards	IEC 60079-0:2011 Explosive atmospheres - Equipment - General requirements
	IEC 60079-1:2014 Explosive atmospheres - Equipment protection by flameproof enclosures 'd'
	IEC 60079-31:2014: Explosive atmospheres - Equipment dust ignition protection by enclosure "t"
Atex Certification	INERIS 12ATEX0085X
IECEx Certification	IECEx INE 12.0059X
Type of protection	Ex d IIB/IIC T6 Gb Ex tb IIIC T85°C Db IP66
Conformity to Community Directives	2014/34/EU (ATEX) 2014/30/EU Electromagnetic Compatibility 2006/42/CE Machinery Directive 2014/35/EU Low Voltage Directive
Markings and homologations	CE 0080 Ex II 2 G II 2 D IEC IECEx

## GENERAL TECHNICAL SPECIFICATIONS

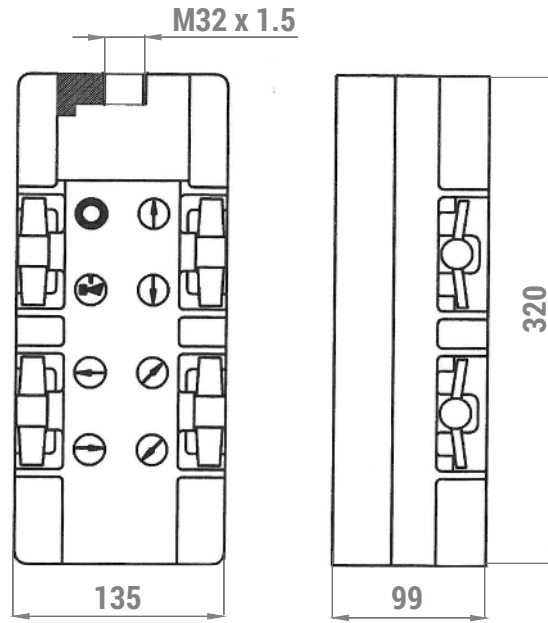
Operational ambient temperature	-50°C/+55°C
IP protection degree	IP 66
Operating positions	Any position

## TECHNICAL SPECIFICATIONS OF THE SWITCHES

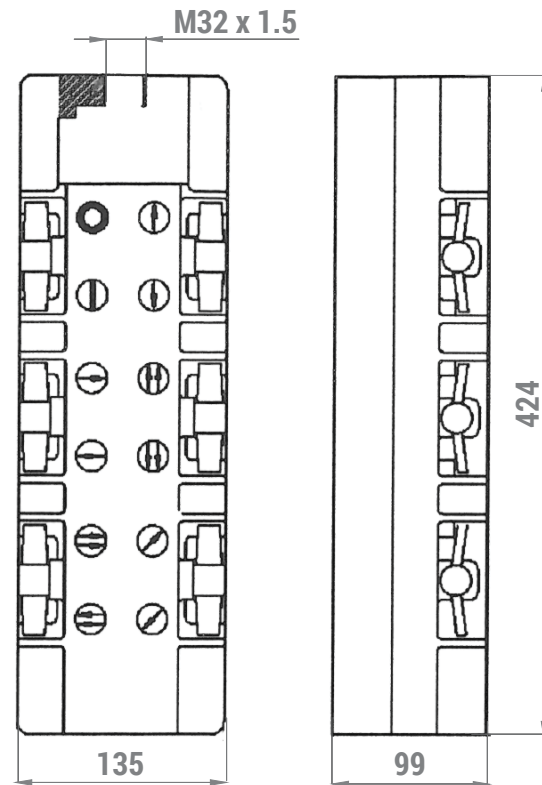
Code	PRSL0075XX	PRSL0076XX	PRSL0090XX
Utilisation category		AC 15	
Rated operational current		1.9 A	
Rated operational voltage		380 Vac	
Rated thermal current		10 A	
Rated insulation voltage		500 Vac	
Mechanical life		1x10 <sup>6</sup> operations	
Switch type	Double switch, two speeds	Double switch, one speed	Double switch, two speeds
Contacts	1NO+1NC+1NO/1NO+1NC+1NO	1NO+1NC/2NO+2NC	1NC+2NO/2NC+2NO
Scheme			
Markings and homologations	CE		

# OVERALL DIMENSIONS (mm)

2 - 8 actuators



10 - 12 actuators



# SPA EXPLOSION PROOF - REQUEST FORM FOR CONTROL STATION

## Protection

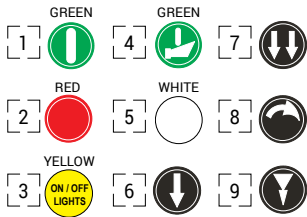
Tick the box to choose the type of protection required.

Ex II 2 G II 2 D  
Ex d IIB T6 Gb or Ex d IIC T6 Gb  
Ex tb IIIC T85°C Db IP66  
Enclosure group II B

Ex II 2 G II 2 D  
Ex d IIB T6 Gb or Ex d IIC T6 Gb  
Ex tb IIIC T85°C Db IP66  
Enclosure group II C

## Control elements

1 speed switch



2 speed switch



Emergency stop mushroom pushbutton

## Options

Enclosure in stainless steel AISI 316

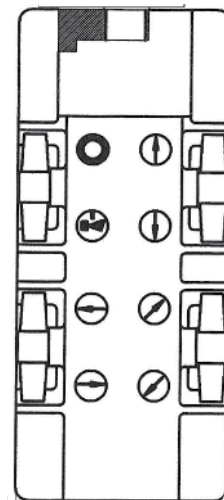
Enclosure in chrome-plated cast-iron

## Instructions

- Choose the type of protection required by ticking the correspondent box.
- Fill in the control station scheme for the number of control elements required (2, 4, 6, 8, 10 or 12 actuators).
- Write the number corresponding to the control element required (broken line box). When buttons are required mark the direction of the arrow into the corresponding box.
- **Attention: opposite functions (eg.: up – down) are vertically coupled in columns.**  
**When one function is the emergency stop mushroom pushbutton, then the opposite switch/function is not used.**
- Tick the box corresponding to the optional required.

**Attention: 1 or 2 speeds switches provided depending on the control elements chosen.**

<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled
<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled
<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled
<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled
<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled
<input type="checkbox"/>	<input type="checkbox"/>	Opposite functions vertically coupled



## Remarks

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