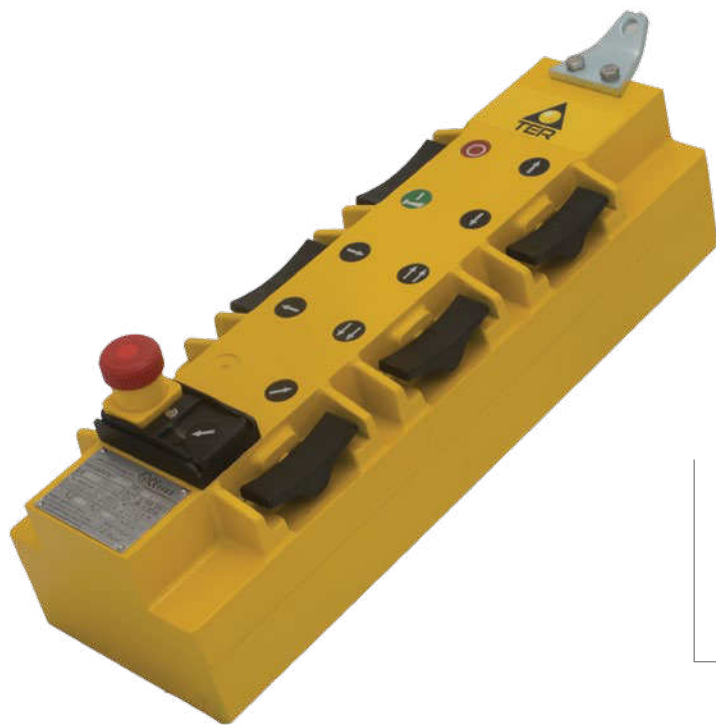


SPA EXPLOSION PROOF HAZARDOUS AREAS Pendant control station



Explosion proof pendant station for auxiliary control, rugged, sturdy and reliable, 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.
- Positive opening NC contacts for safety functions.
- Mechanical life of switches: 1 million operations.
- IP protection degree: SPA Explosion Proof is classified IP66.
- Extreme temperature resistance: -50°C to +55°C.

OPTIONS

- Available in configurations from 2 to 12 actuators, arranged on a double row.
- One or two speed switches with NO or NC contacts.

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.


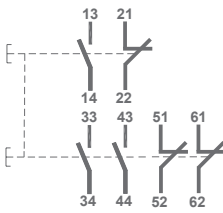
CERTIFICATIONS

Conformity to Atex Standards	EN 60079-0:2012 + A1:2013 Explosive atmospheres - Equipment - General requirements
	EN 60079-1 Ed.7 :2014 Explosive atmospheres - Equipment protection by flameproof enclosures 'd'
Conformity to IECEx Standards	EN 60079-31:2014 Explosive atmospheres - Equipment dust ignition protection by enclosure "t"
	IEC 60079-0:2011 Explosive atmospheres - Equipment - General requirements
	IEC 60079-1:2014 Explosive atmospheres - Equipment protection by flameproof enclosures 'd'
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 GD IEC IECEX

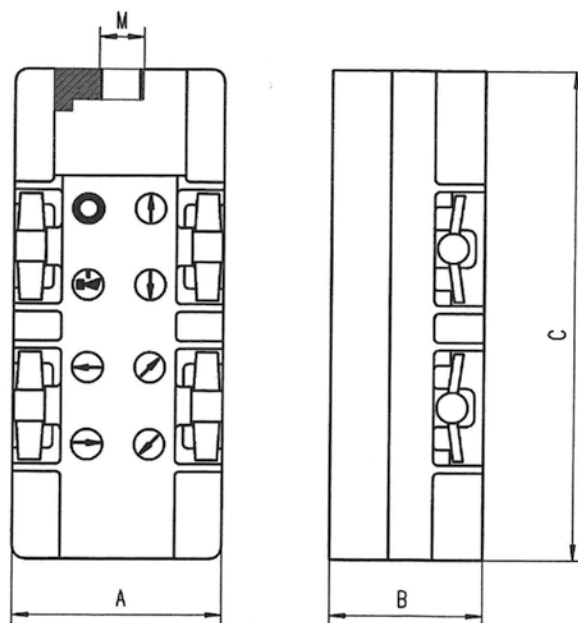
GENERAL TECHNICAL SPECIFICATIONS

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

TECHNICAL SPECIFICATIONS OF THE MICROSWITCHES

Code	PRSL0076XX
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 ⁶ operations
Microswitch type	Double switch, one speed
Contacts	1NO+1NC/2NO+2NC (All NC contacts are of the positive opening operation type )
Scheme	
Markings and homologations	CE

OVERALL DIMENSIONS (mm)



No. of actuators	Dimensions (mm)			
	A	B	C	M
2	135	99	320	M32 x 1.5
4	135	99	320	M32 x 1.5
6	135	99	320	M32 x 1.5
8	135	99	320	M32 x 1.5
10	135	99	424	M32 x 1.5
12	135	99	424	M32 x 1.5

SPA EXPLOSION PROOF - REQUEST FORM FOR PENDANT STATION

Protection type

Please, tick the box to choose the protection type requested

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
Enclosures 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
Enclosures group II C

Control elements

<input type="checkbox"/> 1		<input type="checkbox"/> 8		<input type="checkbox"/> 15		<input type="checkbox"/> 22	
<input type="checkbox"/> 2		<input type="checkbox"/> 9		<input type="checkbox"/> 16		<input type="checkbox"/> 23	
<input type="checkbox"/> 3		<input type="checkbox"/> 10		<input type="checkbox"/> 17		<input type="checkbox"/> 24	
<input type="checkbox"/> 4		<input type="checkbox"/> 11		<input type="checkbox"/> 18			
<input type="checkbox"/> 5		<input type="checkbox"/> 12		<input type="checkbox"/> 19			
<input type="checkbox"/> 6		<input type="checkbox"/> 13		<input type="checkbox"/> 20			
<input type="checkbox"/> 7		<input type="checkbox"/> 14		<input type="checkbox"/> 21			

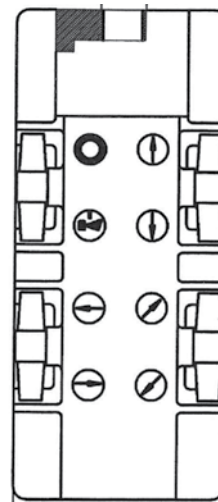
30 Emergency stop mushroom pushbutton

Instructions

- Choose the protection type requested by ticking the correspondent box.
- Fill in the pendant 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 commands (i.e: up – down) are vertically coupled on columns.**

Attention: Only one speed control elements provided.

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



Remarks
