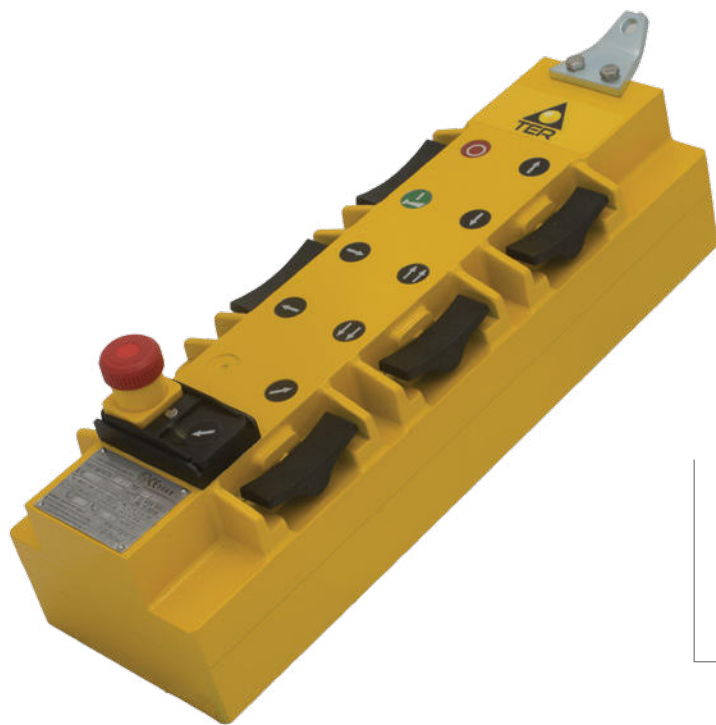




SPA EXPLOSION PROOF HAZARDOUS AREAS Pendant control station



SPA EXPLOSION
PROOF



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.

The data and the products illustrated in this brochure may be modified without notice. Under no circumstances can their description have a contractual value.



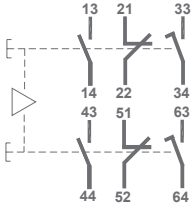
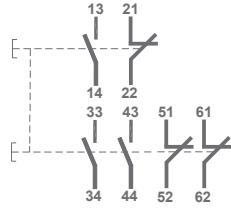
CERTIFICATIONS

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'
	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

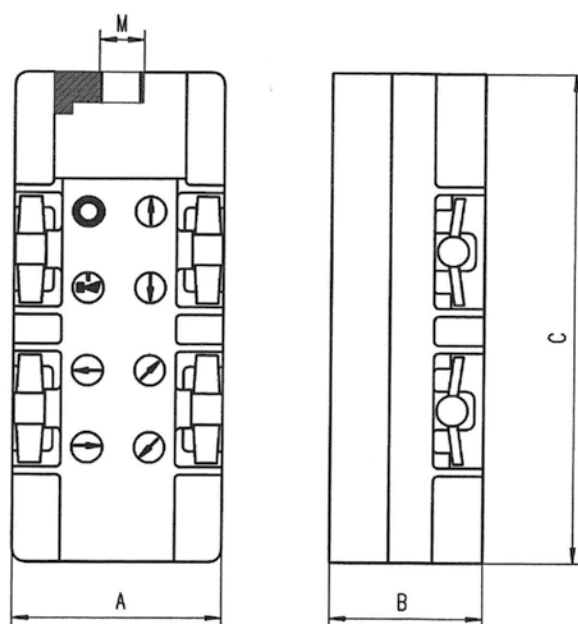
GENERAL TECHNICAL SPECIFICATIONS

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

TECHNICAL SPECIFICATIONS OF THE MICROSWITCHES

Code	PRSL0075XX	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, two speeds	Double switch, one speed
Contacts	1NO+1NC+1NO/1NO+1NC+1NO (All NC contacts are of the positive opening operation type )	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

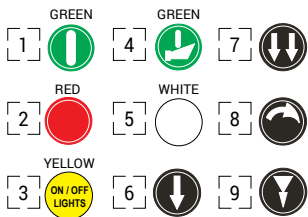
Protection type

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
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



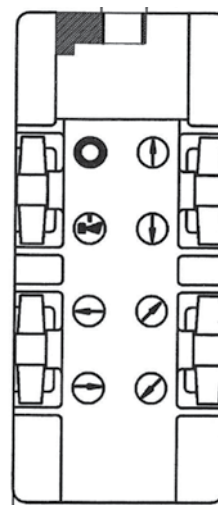
Emergency stop mushroom pushbutton

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: One or two speeds 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
<input type="checkbox"/>	<input type="checkbox"/>	Opposite commands vertically coupled	<input type="checkbox"/>	<input type="checkbox"/>	Opposite commands vertically coupled



Remarks
