

# SPA

## Pendant control station



Pendant station for auxiliary control, sturdy and reliable, designed for heavy industry. Modular enclosure with actuators arranged on a double row to pair opposite functions and keep size compact.

### FEATURES

- Modular enclosure with actuators arranged on a double row to enable grouping of a large number of functions in a single unit.
- Rectangular pushbuttons in thermoplastic material moulded in two colours to guarantee clear reading and wear resistance.
- The emergency stop mushroom pushbutton complies with standard ISO 13850.
- Mechanical life of switches: 1 million operations.
- IP protection degree: SPA is classified IP65.
- 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 2 to 28 actuators, arranged on a double row.
- One or two speed switches with NO or NC contacts and with LEDs (voltage 24 Vac/dc) and lamp (voltage 110 Vac/dc).
- Double switches with mechanical interlock to prevent simultaneous operation of opposite functions.
- Wide range of actuators: pushbuttons, selector switches and key-selector switches, pilot lights, impulse or latched mushroom pushbuttons with rotation release.
- Available on request with a **high resolution color graphic display**, suitable for displaying measurements and information about the system where the control station is installed (configuration to be customized).

### CERTIFICATIONS

- CE and UKCA markings and EAC certification.

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 UKCA Directives	Supply of Machinery (Safety) Regulations 2008
	Electrical Equipment (Safety) Regulations 2016
Conformity to CE Standards	EN 60204-1 Safety of machinery - Electrical equipment of machines
	EN 60947-1 Low-voltage switchgear and controlgear
	EN 60947-5-1 Low-voltage switchgear and controlgear - Control circuit devices and switching elements - Electromechanical control circuit devices
	EN 60529 Degrees of protection provided by enclosures
	ISO 13850 Safety of machinery - Emergency stop - Principles for design
Markings and homologations	CE EAC UKCA

## GENERAL TECHNICAL SPECIFICATIONS

Ambient temperature	Storage -40°C/+70°C
	Operational -25°C/+70°C
IP protection degree	IP 65
Insulation category	Class II
Cable entry	Rubber cable sleeve (Ø 14÷26 mm)
Operating positions	Any position



## TECHNICAL SPECIFICATIONS OF THE SWITCHES

Code	PRSL0071XX	PRSL0072XX	PRSL0073XX	PRSL0074XX
Switch	Utilisation category	AC 15	-	AC 15
	Rated operational current	1.9 A	-	1.9 A
	Rated operational voltage	380 Vac	-	380 Vac
	Rated thermal current	10 A	-	10 A
	Rated insulation voltage	500 Vac	-	500 Vac
	Mechanical life	1x10 <sup>6</sup> operations	-	1x10 <sup>6</sup> operations
Lamp holder	Maximum voltage	125 V	125 V	125 V
	Maximum power	2.6 W	2.6 W	2.6 W
Lamp type	bulb or LED (on request) with bayonet coupling	bulb or LED (on request) with bayonet coupling	bulb or LED (on request) with bayonet coupling	-
Connections	Screw-type terminals			
Wires	1x2.5 mm <sup>2</sup> , 2x1.5 mm <sup>2</sup> (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)			
Tightening torque	0.8 Nm			
Switch type	1 speed switch + lamp holder	lamp holder + lamp holder	1 speed switch + lamp holder	1 speed switch + 1 speed switch
Contacts	2NC+2NO lamp holder	lamp holder lamp holder	1NC+1NO lamp holder	1NC+1NO 1NC+1NO
Scheme				
Markings and homologations	CE cUL US UKCA			

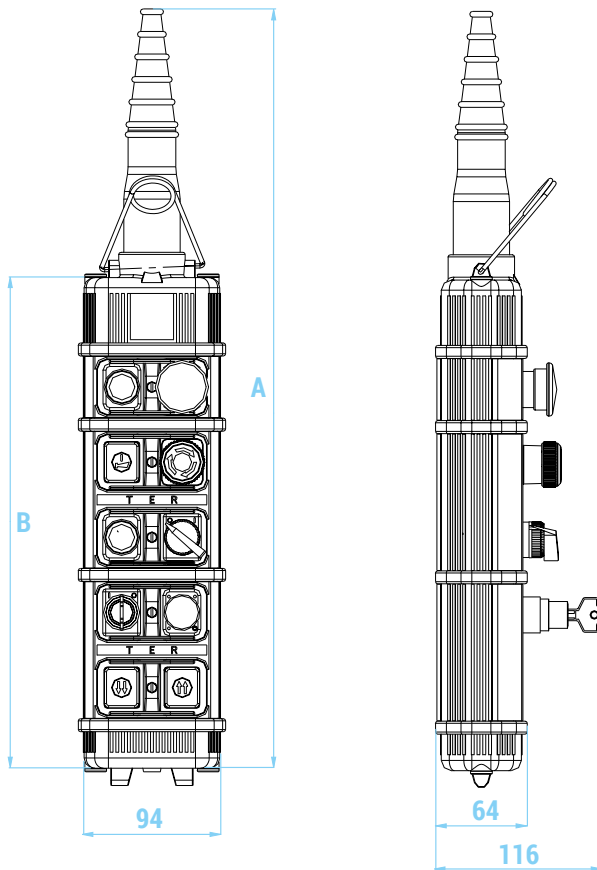
Code	PRSL0075XX	PRSL0076XX	PRSL0077XX
Utilisation category	AC 15	AC 15	AC 15
Rated operational current	1.9 A	1.9 A	1.9 A
Rated operational voltage	380 Vac	380 Vac	380 Vac
Rated thermal current	10 A	10 A	10 A
Rated insulation voltage	500 Vac	500 Vac	500 Vac
Mechanical life	1x10 <sup>6</sup> operations	1x10 <sup>6</sup> operations	1x10 <sup>6</sup> operations
Maximum voltage		-	
Maximum power		-	
Lamp type		-	
Connections	Screw-type terminals		
Wires	1x2.5 mm <sup>2</sup> , 2x1.5 mm <sup>2</sup> (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)		
Tightening torque	0.8 Nm		
Switch type	2 speed switch + 2 speed switch	1 speed switch + 1 speed switch	1 speed switch + 1 speed switch
Contacts	1NC+1NO+1NO 1NC+1NO+1NO	1NC+1NO 2NC+2NO	2NC+2NO 2NC+2NO
Scheme			
Markings and homologations	CE cULus UK CA		

Code	PRSL0087XX	PRSL0089XX	PRSL0090XX
Utilisation category	AC 15	AC 15	AC 15
Rated operational current	1.9 A	1.9 A	1.9 A
Rated operational voltage	380 Vac	380 Vac	380 Vac
Rated thermal current	10 A	10 A	10 A
Rated insulation voltage	500 Vac	500 Vac	500 Vac
Mechanical life	1x10 <sup>6</sup> operations	1x10 <sup>6</sup> operations	1x10 <sup>6</sup> operations
Maximum voltage	-	125 V	-
Maximum power	-	2.6 W	-
Lamp type	-	bulb or LED (on request) with bayonet coupling	-
Connections	Screw-type terminals		
Wires	1x2.5 mm <sup>2</sup> , 2x1.5 mm <sup>2</sup> (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)		
Tightening torque	0.8 Nm		
Switch type	2 speed switch + 1 speed switch	2 speed switch+ lamp holder	1 speed switch + 2 speed switch
Contacts	1NC+1NO+1NO 1NC+1NO	1NC+1NO+1NO lamp holder	2NC+2NO 1NC+1NO+1NO
Scheme			
Markings and homologations	CE cULus UK CA	CE UK CA	CE UK CA

## TECHNICAL SPECIFICATIONS OF THE LEDS / BULBS

Code	PRSL3502PI	SL000010
Type	LED	Bulb with bayonet coupling
Rated operational voltage	24 V ac/dc	110 Vac/dc
Rated current consumption	20 mA	20 mA
Scheme		
Markings and homologations	CE UK CA	CE UK CA

## OVERALL DIMENSIONS (mm)



No. of actuators	Dimensions (mm)		Weight (kg)
	A	B	
2	318	132	0,520
4	370	184	0,700
6	422	236	0,880
8	474	288	1,040
10	526	340	1,220
12	578	392	1,380
14	630	444	1,550
16	682	496	1,710
18	734	548	1,890
20	786	600	2,050
22	838	652	2,210
24	890	704	2,370
26	942	756	2,530
28	994	808	2,690

## SPA-ADV



### Advanced version of the SPA pendant control station, with integrated data acquisition system.

It features a **high resolution color graphic display**, suitable for displaying measurements and information about the system where the control station is installed.

It can condition and amplify signals from many transducers, whose data are then processed and made available as a digital or analogue protocol, at the same time as being displayed on the LCD.

It also features an overload monitoring function with 2 programmable set-points for each of the 2 relay contacts and it is equipped with an extremely stable transducer excitation generator to provide precise bias to Wheatstone bridges and PT100 transducers.

The acquisition unit is also provided with 2 analog channels for measuring the same number of transducers, configurable and with calibration and linearization capabilities up to 10 segments.

It is specially designed for reading load cells, strain gauges, pressure transducers, PT100, PT500, potentiometric displacement transducers, conditional LVDT.

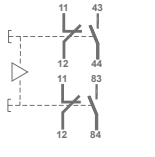


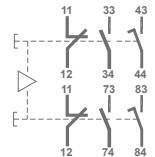


## SPA-ADV - ELECTRICAL SPECIFICATIONS

Supply voltage	24 V $\pm$ 20%
Max. current	100 mA @ 24 V
Input analog range	3.2 mV...5 V differential
	100 mV...10 V single terminal
Vexc. range	1 V...10 V
ADC resolution	10000 div.
Measuring accuracy	$\pm$ 0.25%
Calibration	Up to 10 segments
Analog output	12 bit current
Digital output	RS-485
	CAN
Overload threshold relay	5 A, 24 / 125 / 230 Vac

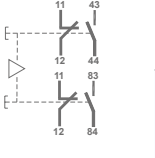
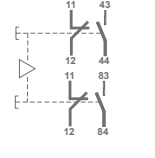





## STANDARD CONTROL STATIONS

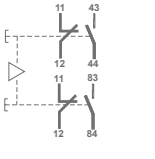
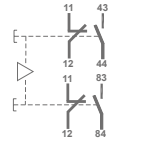

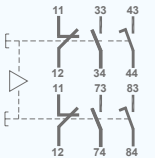


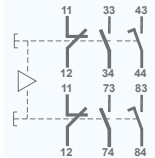
Standard control stations are equipped with cable sleeve, hook and mechanical interlock between opposite function pushbuttons.

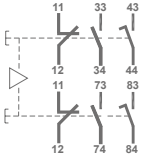


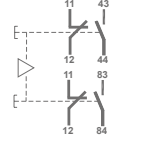


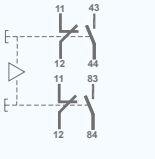


### 2 actuators

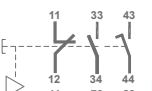


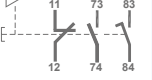


PF02020007			PF02020039		
Switch scheme	Switches	Actuators	Switch scheme	Switches	Actuators
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Pushbutton 		PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton  Pushbutton 

### 4 actuators

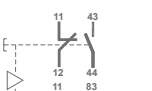
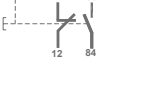





PF02040185			PF02040241		
Switch scheme	Switches	Actuators	Switch scheme	Switches	Actuators
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Pushbutton 		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Pushbutton 

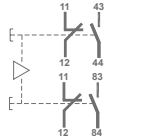



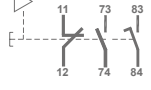


PF02040186			PF02040240		
Switch scheme	Switches	Actuators	Switch scheme	Switches	Actuators
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	-		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Latched mushroom pushbutton
		PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds		Pushbutton  Pushbutton 	

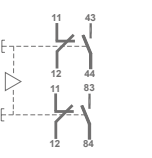
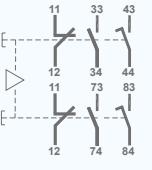


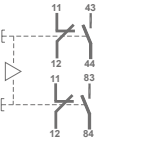


PF02040242			PF02040063		
Switch scheme	Switches	Actuators	Switch scheme	Switches	Actuators
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton  Pushbutton 		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton  Pushbutton 
		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		Pushbutton  Pushbutton 	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed

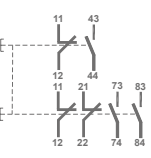

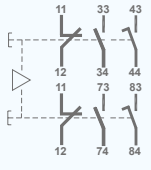


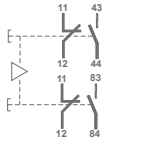


PF02040243			
Switch scheme	Switches	Actuators	
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

6 actuators

PF02060455			
Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02060401			
Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

PF02060456			
Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02060439			
Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton  GREEN	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02060355

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02060356

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

8 actuators

PF02080237

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02080440

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

PF02080702

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02080703

Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 



## 10 actuators

PF02100324			
Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02100308			
Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

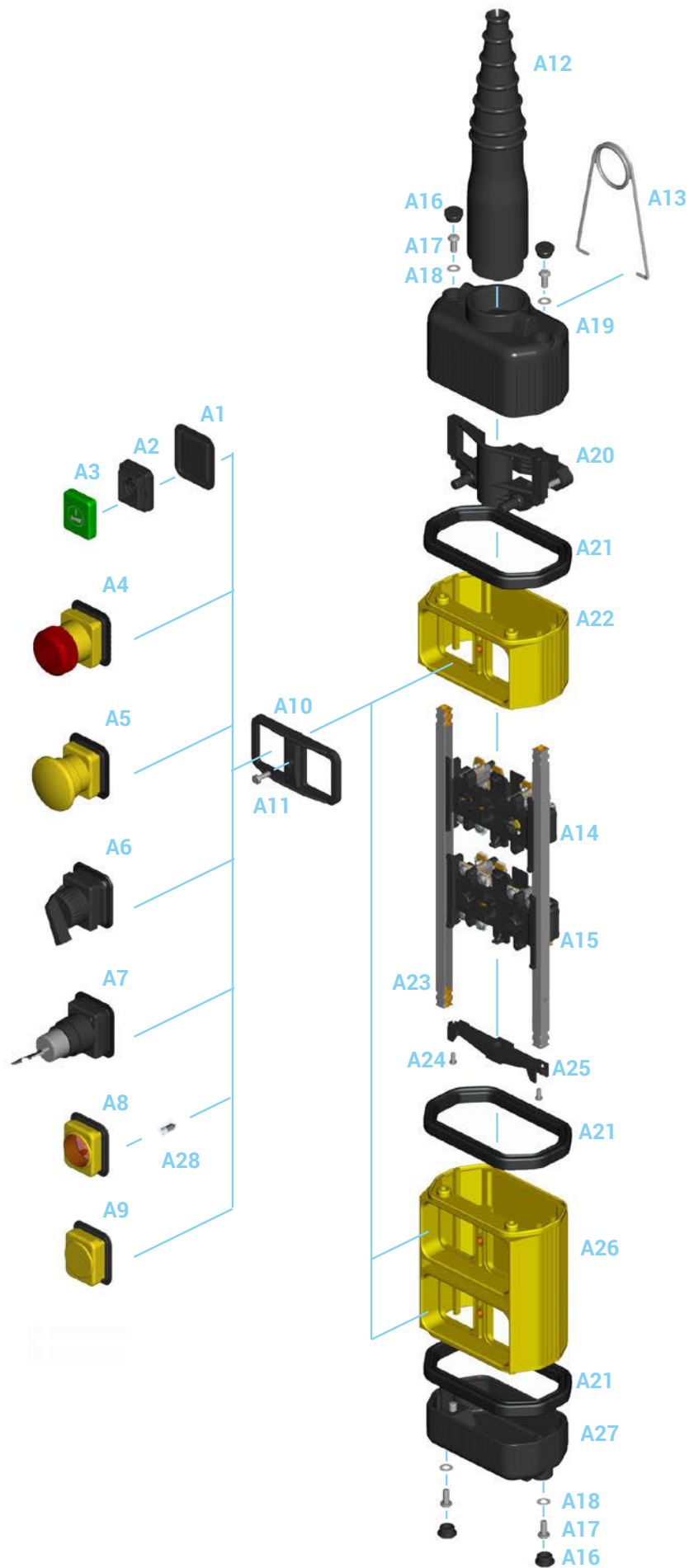
PF02101187			
Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

## 12 actuators

PF02120306			
Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02121167			
Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 


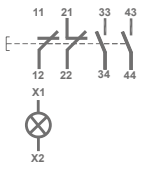
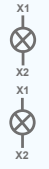
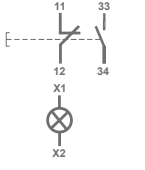
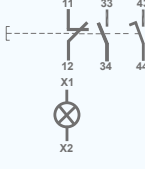

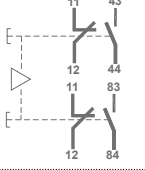
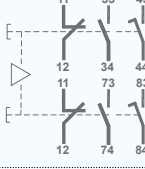
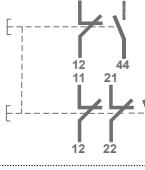
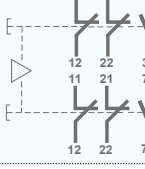
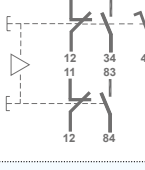
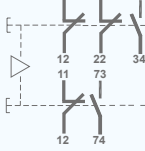
ASSEMBLY DRAWING






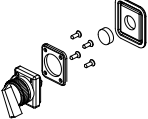
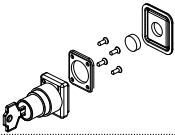
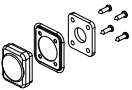
Refer to the following tables for descriptions of components: "Switches", "Actuators", "Pilot lights", "Mushroom pushbuttons" and "Accessories".

## COMPONENTS

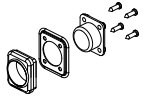
## Switches

Ref.	Drawing	Description	Scheme	Code
A14		1 speed switch with 2NC+2NO contacts + lamp holder with bayonet coupling (without bulb)		PRSL0071XX
		2 lamp holders with bayonet coupling (without bulb)		PRSL0072XX
		1 speed switch with 1NC+1NO contacts + lamp holder with bayonet coupling (without bulb)		PRSL0073XX
		2 speed switch with 1NC+1NO+1NO contacts + lamp holder with bayonet coupling (without bulb)		PRSL0089XX
A15		1 speed switch with 1NC+1NO contacts + 1 speed switch with 1NC+1NO contacts		PRSL0074XX
		2 speed switch with 1NC+1NO+1NO contacts + 2 speed switch with 1NC+1NO+1NO contacts		PRSL0075XX
		1 speed switch with 1NC+1NO contacts + 1 speed switch with 2NC+2NO contacts		PRSL0076XX
		1 speed switch with 2NC+2NO contacts + 1 speed switch with 2NC+2NO contacts		PRSL0077XX
		2 speed switch with 1NC+1NO+1NO contacts + 1 speed switch with 1NC+1NO contacts + mechanical interlock		PRSL0087XX
		1 speed switch with 2NC+2NO contacts + 2 speed switch with 1NC+1NO+1NO contacts		PRSL0090XX

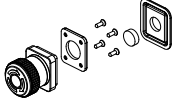
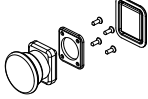
## Actuators

Ref.	Drawing	Description	Code
A1		Rubber for button	PRGU6031PE
A2		Button holder	PRSL9284PI
A3		Button	PRTA_----- See button tables
A6		Selector switch 0/1 maintained positions	PRSL3540PI
		Selector switch 1/0/2 maintained positions	PRSL3543PI
A7		Key selector switch 0/1 maintained positions, pull-out position 1	PRSL3539PI
A9		Blanking plug	PRSL5557PI



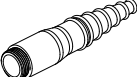




## Pilot lights

Ref.	Drawing	Colour	Code
A8		Red	PRSL3534PI
		Green	PRSL3535PI
		Yellow	PRSL3542PI

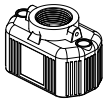

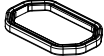
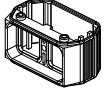



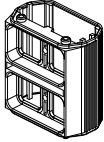
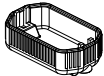

## Mushroom pushbuttons

Ref.	Drawing	Description	Code
A4		Latched mushroom pushbutton for emergency stop	PRSL3500PI
A5		Impulse mushroom pushbutton	PRSL3531PI






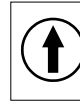























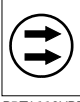

















## Accessories

Ref.	Drawing	Description	Code
A10		Frame with 2 holes	PRSL5535PI
		Frame with 1 hole	PRSL5537PI
		Frame without holes	PRSL5538PI
A11		Screw for frame	PRVI6027PE
A12		Cable sleeve	PRSL0145PE
A13		Hook	PRGA0012PE
A16		Plug for cover	PRSL8610PI
A17		Locking screw for cover	PRVI1020PE
A18		Washer	PRRN1061PE

## Accessories

Ref.	Drawing	Description	Code		
A19		Upper cover	PRSL5525PI		
A20		Cable clamp with screws	PRSL3545PI		
A21		Tightening rubber	PRGU6021PE		
A22		Single section	PRSL5016AU		
A23		Rod for SPA 2 buttons	PRTR0071PE		
		Rod for SPA 4 buttons	PRTR0076PE		
		Rod for SPA 6 buttons	PRTR0081PE		
		Rod for SPA 8 buttons	PRTR0086PE		
		Rod for SPA 10 buttons	PRTR0091PE		
		Rod for SPA 12 buttons	PRTR0096PE		
		Rod for SPA 14 buttons	PRTR0101PE		
		Rod for SPA 16 buttons	PRTR0106PE		
		Rod for SPA 18 buttons	PRTR0111PE		
		Rod for SPA 20 buttons	PRTR0116PE		
A24		Rod for SPA 22 buttons	PRTR0117PE		
		Rod for SPA 24 buttons	PRTR0118PE		
		Rod for SPA 26 buttons	PRTR0119PE		
		Rod for SPA 28 buttons	PRTR0120PE		
		Screw	PRVI0005PE		
		A25		Switch holder with screw	PRSL3558PI
		A26		Double section	PRSL5017AU
		A27		Lower cover	PRSL5530PI
A28		LED 24 Vac/dc	PRSL3502PI		
		Bulb 110 Vac/dc with bayonet coupling	SL000010		

## Standard buttons - Symbols

 PRTA101XPI	 PRTA102XPI	 PRTA103XPI	 PRTA104XPI	 PRTA105XPI	 PRTA105XPB	 PRTA106XPI	 PRTA106XPB	 PRTA107XPI	 PRTA107XPB	 PRTA108XPI	 PRTA108XPB	 PRTA109XPI	 PRTA109XPB
 PRTA110XPI	 PRTA110XPB	 PRTA111XPI	 PRTA112XPI	 PRTA112XPB	 PRTA113XPI	 PRTA114XPI	 PRTA114XPB	 PRTA115XPI	 PRTA116XPI	 PRTA116XPB	 PRTA117XPI	 PRTA117XPB	 PRTA118XPI
 PRTA119XPI	 PRTA119XPB	 PRTA120XPI	 PRTA121XPI	 PRTA121XPB	 PRTA216XPI	 PRTA217XPI	 PRTA218XPI	 PRTA219XPI	 PRTA374XPI	 PRTA375XPI	 PRTA375XPB	 PRTA376XPI	 PRTA377XPI
 PRTA122XPI	 PRTA199XPI	 PRTA220XPI	 PRTA221XPI	 PRTA229XPI									

### Standard buttons - English

PRTA130IPI	PRTA131IPI	PRTA132IPI	PRTA133IPI	PRTA134IPI	PRTA135IPI	PRTA136IPI	PRTA137IPI	PRTA138IPI	PRTA139IPI	PRTA140IPI	PRTA141IPI	PRTA142IPI	PRTA143IPI
PRTA144IPI	PRTA145IPI	PRTA146IPI	PRTA147IPI	PRTA148IPI	PRTA149IPI	PRTA150IPI	PRTA151IPI	PRTA152IPI	PRTA153IPI	PRTA154IPI	PRTA155IPI	PRTA156IPI	PRTA157IPI
PRTA170IPI	PRTA171IPI	PRTA172IPI	PRTA173IPI	PRTA174IPI	PRTA175IPI	PRTA176IPI	PRTA177IPI	PRTA178IPI	PRTA179IPI	PRTA180IPI	PRTA181IPI	PRTA183IPI	PRTA184IPI
PRTA185IPI	PRTA186IPI	PRTA187IPI	PRTA188IPI	PRTA189IPI	PRTA190IPI	PRTA191IPI	PRTA192IPI	PRTA193IPI	PRTA194IPI	PRTA201IPI	PRTA202IPI	PRTA203IPI	PRTA204IPI
PRTA205IPI	PRTA206IPI	PRTA207IPI	PRTA208IPI	PRTA209IPI	PRTA210IPI	PRTA211IPI	PRTA212IPI	PRTA213IPI	PRTA214IPI	PRTA215IPI	PRTA216IPI	PRTA217IPI	PRTA302XPI
PRTA351XPI													

### Standard buttons - German

PRTA130TPI	PRTA131TPI	PRTA132IPI	PRTA133TPI	PRTA134TPI	PRTA135TPI	PRTA136TPI	PRTA137TPI	PRTA138TPI	PRTA139TPI	PRTA140TPI	PRTA141TPI	PRTA142TPI	PRTA143TPI
PRTA144TPI	PRTA145TPI	PRTA146TPI	PRTA147TPI	PRTA148TPI	PRTA149TPI	PRTA152TPI	PRTA153TPI	PRTA154TPI	PRTA155TPI	PRTA156TPI	PRTA157TPI	PRTA170TPI	PRTA171TPI
PRTA172TPI	PRTA173TPI	PRTA174TPI	PRTA175TPI	PRTA176TPI	PRTA177TPI	PRTA178TPI	PRTA179TPI	PRTA180TPI	PRTA181TPI				

### Standard buttons - French

PRTA130FPI	PRTA131FPI	PRTA132FPI	PRTA133FPI	PRTA134FPI	PRTA135FPI	PRTA136FPI	PRTA137FPI	PRTA138FPI	PRTA139FPI	PRTA140FPI	PRTA141FPI	PRTA142FPI	PRTA143FPI
PRTA144FPI	PRTA145FPI	PRTA146FPI	PRTA147FPI	PRTA148FPI	PRTA149FPI	PRTA152FPI	PRTA153FPI	PRTA154FPI	PRTA155FPI	PRTA156FPI	PRTA157FPI	PRTA170FPI	PRTA171FPI
PRTA172FPI	PRTA173FPI	PRTA174FPI	PRTA175FPI	PRTA176FPI	PRTA177FPI	PRTA178FPI	PRTA179FPI	PRTA180FPI	PRTA181FPI	PRTA183FPI	PRTA184FPI	PRTA185FPI	PRTA186FPI

## Standard buttons - Italian

<b>GREEN</b> MARCIA  LINEA PRTA123XPI	<b>RED</b> ARRESTO  LINEA PRTA124XPI	<b>YELLOW</b> ALLARME  PRTA125XPI	 SALITA SOLLEV.TO PRTA127XPI	 DISCESA SOLLEV.TO PRTA128XPI	 SALITA SOLLEV. VEL. PRTA129XPI	 DISCESA SOLLEV. VEL. PRTA130XPI	 SALITA SOLL.1-2 VEL. PRTA131XPI	 DISCESA SOLL.1-2 VEL. PRTA132XPI	 2° VELOC. SOLLEV.TO PRTA133XPI	 3° VELOC. SOLLEV.TO PRTA134XPI	 VELOCE ROTAZIONE PRTA135XPI	 VELOCE SOLLEV.TO PRTA136XPI	 AVANTI TRASLAZ. PRTA137XPI
 INDIETRO TRASLAZ. PRTA138XPI	 SINISTRA ROTAZIONE PRTA139XPI	 DESTRA ROTAZIONE PRTA140XPI	 SINISTRA ROTAZ. VEL. PRTA141XPI	 DESTRA ROTAZ. VEL. PRTA142XPI	 SINISTRA ROT.1-2 VEL. PRTA143XPI	 DESTRA ROT.1-2 VEL. PRTA144XPI	 AVANTI CARRELLO PRTA145XPI	 INDIETRO CARRELLO PRTA146XPI	 AVANTI CARR. VEL. PRTA147XPI	 INDIETRO CARR. VEL. PRTA148XPI	 AVANTI CARR.1-2 VEL. PRTA149XPI	 INDIETRO CARR.1-2 VEL. PRTA150XPI	 SALITA MONTAGGIO PRTA151XPI
 DISCESA MONTAGGIO PRTA152XPI	 AVANTI PONTE PRTA153XPI	 INDIETRO PONTE PRTA154XPI	 AVANTI PONTE VEL. PRTA155XPI	 INDIETRO PONTE VEL. PRTA156XPI	 AVANTI PONTE 1-2 VEL. PRTA157XPI	 INDIETRO PONTE 1-2 VEL. PRTA158XPI	 SINISTRA CARRELLO PRTA159XPI	 DESTRA CARRELLO PRTA160XPI	 SINISTRA CARR. VEL. PRTA161XPI	 DESTRA CARR. VEL. PRTA162XPI	 SINISTRA CAR.1-2 VEL. PRTA163XPI	 DESTRA CAR.1-2 VEL. PRTA164XPI	 SALITA ARGANO PRTA165XPI
 DISCESA ARGANO PRTA166XPI	 SALITA ARGANO VEL. PRTA167XPI	 DISCESA ARGANO VEL. PRTA168XPI	 SALITA ARG. 1-2 VEL. PRTA169XPI	 DISCESA ARG. 1-2 VEL. PRTA170XPI	 SALITA PARANCO PRTA171XPI	 DISCESA PARANCO PRTA172XPI	 SALITA PARANCO VEL. PRTA173XPI	 DISCESA PARANCO VEL. PRTA174XPI	 SALITA PAR. 1-2 VEL. PRTA175XPI	 DISCESA PAR. 1-2 VEL. PRTA176XPI	 SALITA SOLL. PRINC. PRTA177XPI	 DISCESA SOLL. PRINC. PRTA178XPI	 SALITA SOLL. AUSIL. PRTA179XPI
 DISCESA SOLL. AUSIL. PRTA180XPI	 APRE BENNA PRTA181XPI	 CHIUDE BENNA PRTA182XPI	 APRE PINZA PRTA183XPI	 CHIUDE PINZA PRTA184XPI	 FRENO PRTA185XPI	 AVANTI PRTA186XPI	 INDIETRO PRTA187XPI	 SINISTRA PRTA188XPI	 DESTRA PRTA189XPI	 VELOCE PONTE PRTA190XPI	 VELOCE CARRELLO PRTA191XPI	 APRE POLIPO PRTA192XPI	 CHIUDE POLIPO PRTA193XPI
 CARICO BETONIERA PRTA194XPI	 SCARICO BETONIERA PRTA195XPI	 VERTICALE PRTA196XPI	 ORIZZONTALE PRTA197XPI	 LUCE PRTA198XPI	 PRENDE MAGNETE PRTA200XPI	 LASCIA MAGNETE PRTA201XPI	 INNESTO CASSEFORMA PRTA202XPI	 DISINNESTO CASSEFORMA PRTA203XPI	 AVANTI SINISTRA PRTA204XPI	 DESTRA INDIETRO PRTA205XPI	 ACCELERA PRTA206XPI	 DECELERA PRTA207XPI	 TRAINO PRTA208XPI
 FERMO TRAINO PRTA209XPI	 SALITA BRACCIO PRTA210XPI	 DISCESA BRACCIO PRTA211XPI	 LENTO SOLLEV.TO PRTA212XPI	 ACCOST. ROTAZIONE PRTA213XPI	 INVERSIONE PRTA214XPI	 ALZA LAMA PRTA215XPI	 APRE PRTA226XPI	 CHIUDE PRTA227XPI	 VELOCE PRTA228XPI	 GREEN INIZIO PRTA301XPI	 GREEN START PRTA302XPI	 RED STOP PRTA351XPI	 RED STOP AVANZAMENTO PRTA352XPI
 RED ALT PRTA353XPI													

## Standard buttons - Spanish

<b>GREEN</b> MARCHA  LINEA PRTA123SPI	<b>RED</b> PARO  LINEA PRTA124SPI	<b>YELLOW</b> ALARMA  PRTA125SPI	<b>GREEN</b> MARCHA  ALARMA PRTA126SPI	 SUBIR ELEVACION PRTA127SPI	 BAJAR ELEVACION PRTA128SPI	 SUBIR E. RAPIDA PRTA129SPI	 BAJAR E. RAPIDA PRTA130SPI	 SUBIR E. 1-2 VEL. PRTA131SPI	 BAJAR E. 1-2 VEL. PRTA132SPI	 RAPIDA ROTAACION PRTA135SPI	 RAPIDA ELEVACION PRTA136SPI	 ADELANTE TRANSL. PRTA137SPI	 ATRAS TRANSL. PRTA138SPI
 IZQUIERDA ROTAACION PRTA139SPI	 DERECHA ROTAACION PRTA140SPI	 IZQUIERDA RAPIDA ROT. PRTA141SPI	 DERECHA RAPIDA ROT. PRTA142SPI	 IZQUIERDA ROT. 1-2 VEL. PRTA143SPI	 DERECHA ROT. 1-2 VEL. PRTA144SPI	 ADELANTE CARRITO PRTA145SPI	 ATRAS CARRITO PRTA146SPI	 ADELANTE T. RAPIDA PRTA155SPI	 ATRAS T. RAPIDA PRTA156SPI	 ADELANTE T. 1-2 VEL. PRTA157SPI	 ATRAS T. 1-2 VEL. PRTA158SPI	 IZQUIERDA CARRITO PRTA159SPI	 DERECHA CARRITO PRTA160SPI
 IZQUIERDA CAR. RAPIDA PRTA161SPI	 DERECHA CAR. RAPIDA PRTA162SPI	 IZQUIERDA CAR. 1-2 VEL. PRTA163SPI	 DERECHA CAR. 1-2 VEL. PRTA164SPI	 LENTO ELEVACION PRTA212SPI									







