

# SPA

## Pendant control station



Pendant control 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 control.
- Rectangular pushbuttons in thermoplastic material or rubber pushbuttons with symbol disks to ensure protection against dust.
- The emergency stop mushroom pushbutton complies with standard EN 418.
- 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.

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

### CERTIFICATIONS

- CE marking and EAC certification.

### OPTIONS

- Available in configuration from 2 to 20 actuators, arranged on a double row.
- One or two speed switches with NO or NC contacts and with LEDs (voltage 24 V ac/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 with alphanumeric display (2 lines x 16 characters) suitable for messaging, with internal management microprocessor powered at 24 V and RS-485 interface to operator.

### UK Distributor



Tel: 0115 932 7010 | Email: [sales@metreel.co.uk](mailto:sales@metreel.co.uk)  
[www.metreel.co.uk](http://www.metreel.co.uk)

## 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 60947-5-1 Low-voltage switchgear and controlgear - Control circuit devices and switching elements - Electromechanical control circuit devices
	EN 60529 Degrees of protection provided by enclosures
	EN 418 Safety of machinery - Emergency stop equipment, functional
Markings and homologations	CE EAC

## 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	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 (not supplied) or LED (on request) with bayonet coupling	bulb (not supplied) or LED (on request) with bayonet coupling	bulb (not supplied) 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 + mechanical interlock
Contacts	2NC+2NO lamp holder	lamp holder lamp holder	1NC+1NO lamp holder	1NC+1NO 1NC+1NO
Scheme				
Markings and homologations	CE cULus			

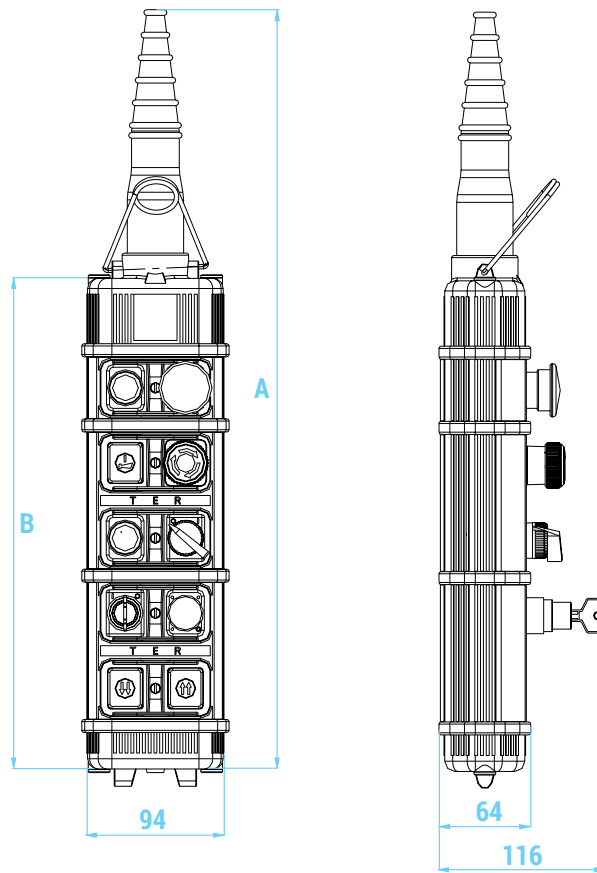
Code	PRSL0075XX	PRSL0076XX	PRSL0077XX
Utilisation category	AC 15	AC 15	AC 15
Rated operational current	1.9 A	1.9 A	1.9 A
Rated operational voltage	380 Vac	380 Vac	380 Vac
Rated thermal current	10 A	10 A	10 A
Rated insulation voltage	500 Vac	500 Vac	500 Vac
Mechanical life	1x10 <sup>6</sup> operations	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 + mechanical interlock	1 speed switch + 1 speed switch	1 speed switch + 1 speed switch + mechanical interlock
Contacts	1NC+1NO+1NO 1NC+1NO+1NO	1NC+1NO 2NC+2NO	2NC+2NO 2NC+2NO
Scheme			
Markings and homologations	CE cULus		

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 (not supplied) 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 + mechanical interlock	2 speed switch + lamp holder	1 speed switch + 2 speed switch + mechanical interlock
Contacts	1NC+1NO+1NO 1NC+1NO	1NC+1NO+1NO portalamпада	2NC+2NO 1NC+1NO+1NO
Scheme			
Markings and homologations	CE		

## TECHNICAL SPECIFICATIONS OF THE LEDS

Code	PRSL3502PI
Rated operational voltage	24 V ac/dc
Rated current consumption	20 mA
Scheme	
Markings and homologations	CE

## 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	1.300
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

## STANDARD CONTROL STATIONS

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

### 2 actuators

PF02020007		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton

PF02020039		
Switch scheme	Switch type	Actuator type
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton Pushbutton

### 4 actuators

PF02040185		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton

PF02040241		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton




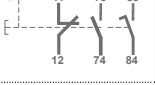


PF02040186		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	- Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton Pushbutton

PF02040240		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton Pushbutton

PF02040242		
Switch scheme	Switch type	Actuator type
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton

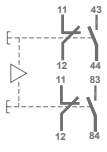






PF02040063		
Switch scheme	Switch type	Actuator type
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton Pushbutton

PF02040243

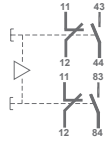



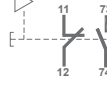


Switch scheme	Switch type	Actuator type	
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

6 actuators

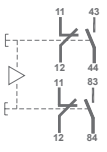
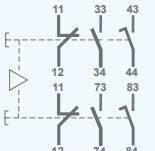


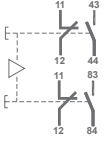


PF02060455

Switch scheme	Switch type	Actuator type	
	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 

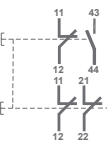




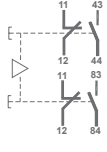


PF02060401

Switch scheme	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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	Switch type	Actuator type	
	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

2

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

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

PF02101187			
Switch scheme	Switch type	Actuator type	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		

12 actuators

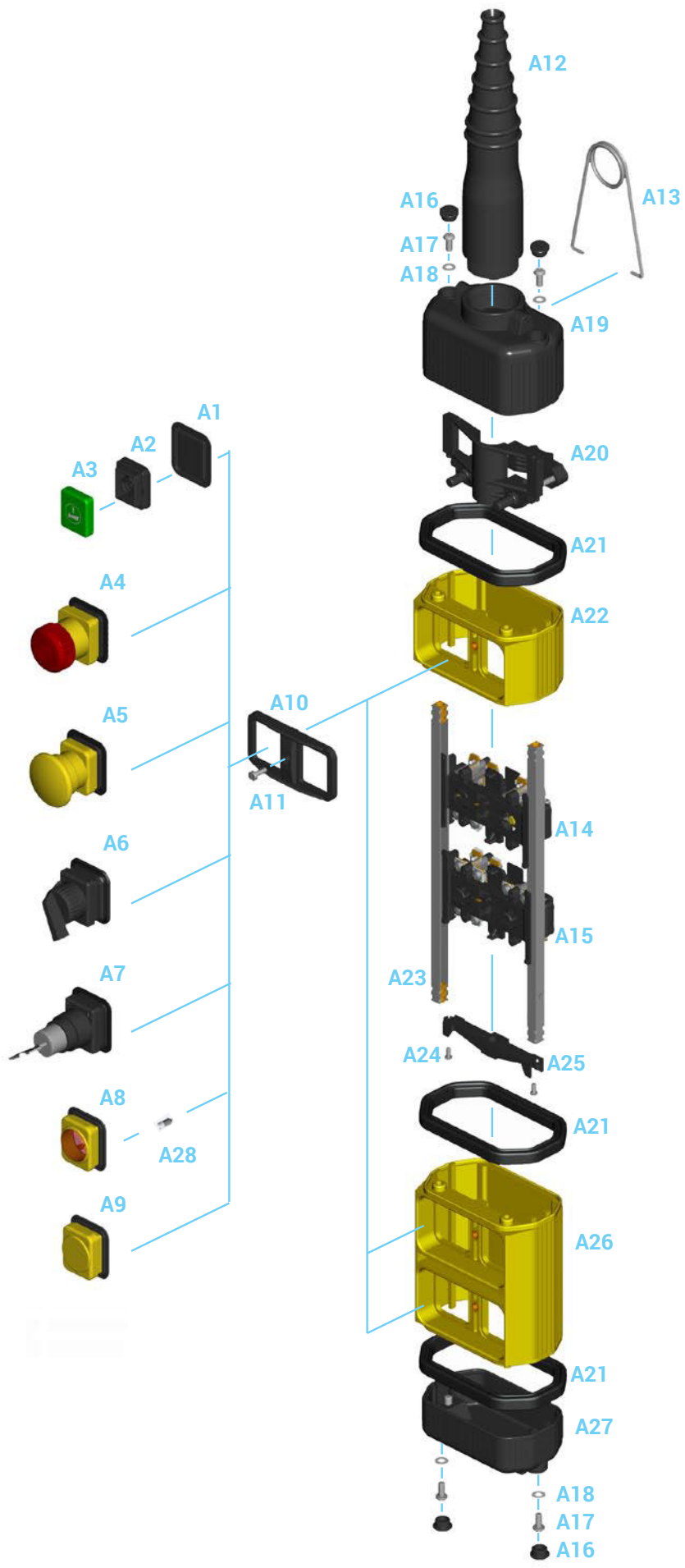
PF02120306			
Switch scheme	Switch type	Actuator type	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
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PF02121167			
Switch scheme	Switch type	Actuator type	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
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	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		





ASSEMBLY DRAWING


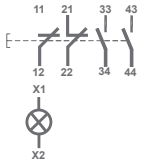
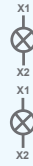
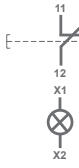
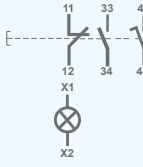

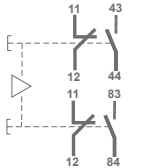
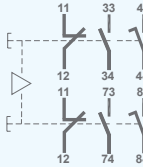
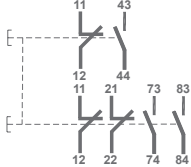
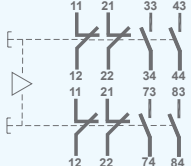
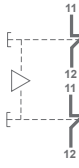
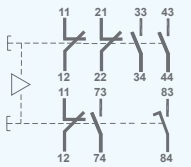


Refer to the following tables for descriptions of components: "Switches", "Actuators", "Pilot lights", "Mushroom pushbuttons" and "Accessories".




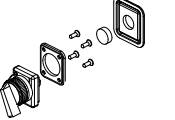
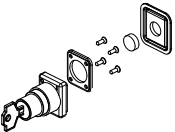
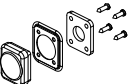
COMPONENTS

Switches

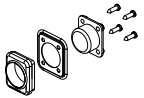
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Ref.	Drawing	Description	Scheme	Code
A14		1 speed switch with 2NC+2NO contacts + lamp holder with bayonet coupling (without bulb)		PRSL0071XX
		2 lamp holders with bayonet coupling (without bulb)		PRSL0072XX
		1 speed switch with 1NC+1NO contacts +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

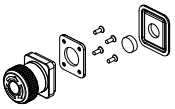
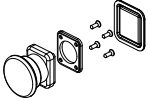
## Actuators

Ref.	Drawing	Description	Code
A1		Rubber for button	PRGU6031PE
A2		Button holder	PRSL9284PI
A3		Button	PRTA_----- Vedi tasti standard
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



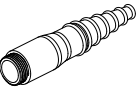




## Pilot lights

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








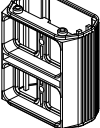


## Mushroom pushbuttons

Ref.	Drawing	Description	Code
A4		Pulsante a fungo ad aggancio per arresto di emergenza	PRSL3500PI
A5		Pulsante a fungo ad impulsi	PRSL3531PI
















































## Accessories

Ref.	Drawing	Descr Description zione	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		Head plug	PRSL8610PI
A17		Head locking screw	PRVI1020PE
A18		Washer	PRRN1061PE





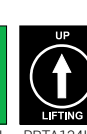

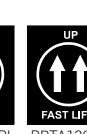
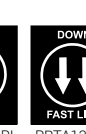













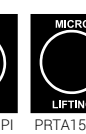
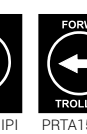
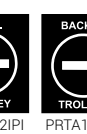


































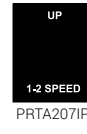
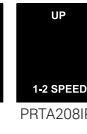
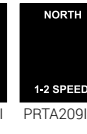

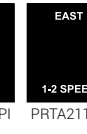








## Accessories

Ref.	Drawing	Description	Code
A19		Upper head	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		Screw	PRVI0005PE
A25		Switch holder with screw	PRSL3558PI
A26		Double section	PRSL5017AU
A27		Lower head	PRSL5530PI
A28		LED 24 V ac/dc	PRSL3502PI








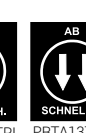


























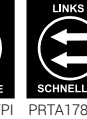
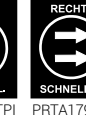


## Standard buttons - Symbols

GREEN 	RED 	YELLOW 	GREEN 										
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
RED 	BLACK 	YELLOW 	GREEN 	WHITE 									
PRTA122XPI	PRTA199XPI	PRTA220XPI	PRTA221XPI	PRTA229XPI									

































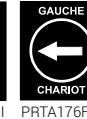









### Standard buttons - English

 GREEN RESET LINE PRTA130IPI	 RED STOP LINE PRTA131IPI	 YELLOW ALARM PRTA132IPI	 GREEN RESET ALARM PRTA133IPI	 UP LIFTING PRTA134IPI	 DOWN LIFTING PRTA135IPI	 UP FAST LIFT PRTA136IPI	 DOWN FAST LIFT PRTA137IPI	 UP 1-2 SPEEDS L. PRTA138IPI	 DOWN 1-2 SPEEDS L. PRTA139IPI	 FAST ROTATION PRTA140IPI	 FAST LIFTING PRTA141IPI	 FORW. TRANSL. PRTA142IPI	 BACKW. TRANSL. PRTA143IPI
 LEFT ROTATION PRTA144IPI	 RIGHT ROTATION PRTA145IPI	 LEFT FAST ROT. PRTA146IPI	 RIGHT FAST ROT. PRTA147IPI	 LEFT 1-2 SPEEDS R. PRTA148IPI	 RIGHT 1-2 SPEEDS R. PRTA149IPI	 BRAKE PRTA150IPI	 MICRO LIFTING PRTA151IPI	 FORW. TROLLEY PRTA152IPI	 BACKW. TROLLEY PRTA153IPI	 FORW. FAST TROLLEY PRTA154IPI	 BACKW. FAST TROLLEY PRTA155IPI	 FORW. 1-2 SPEED T. PRTA156IPI	 BACKW. 1-2 SPEED T. PRTA157IPI
 FORW. BRIDGE PRTA170IPI	 BACKW. BRIDGE PRTA171IPI	 FORW. FAST BRIDGE PRTA172IPI	 BACKW. FAST BRIDGE PRTA173IPI	 FORW. 1-2 SPEEDS B. PRTA174IPI	 BACKW. 1-2 SPEEDS B. PRTA175IPI	 LEFT TROLLEY PRTA176IPI	 RIGHT TROLLEY PRTA177IPI	 LEFT FAST TROLLEY PRTA178IPI	 RIGHT FAST TROLLEY PRTA179IPI	 LEFT 1-2 SPEEDS T. PRTA180IPI	 RIGHT 1-2 SPEEDS T. PRTA181IPI	 EAST 1-2 SPEED T. PRTA183IPI	 NORTH BRIDGE PRTA184IPI
 SOUTH BRIDGE PRTA185IPI	 SOUTH FAST BRIDGE PRTA186IPI	 NORTH FAST BRIDGE PRTA187IPI	 NORTH 1-2 SPEED B. PRTA188IPI	 SOUTH 1-2 SPEED B. PRTA189IPI	 WEST TROLLEY PRTA190IPI	 EAST TROLLEY PRTA191IPI	 WEST FAST TROLLEY PRTA192IPI	 EAST FAST TROLLEY PRTA193IPI	 WEST 1-2 SPEED T. PRTA194IPI	 UP PRTA201IPI	 DOWN PRTA202IPI	 NORTH PRTA203IPI	 SOUTH PRTA204IPI
 EAST 1-2 SPEED PRTA205IPI	 WEST 1-2 SPEED PRTA206IPI	 UP 1-2 SPEED PRTA207IPI	 UP 1-2 SPEED PRTA208IPI	 NORTH 1-2 SPEED PRTA209IPI	 SOUTH 1-2 SPEED PRTA210IPI	 EAST 1-2 SPEED PRTA211IPI	 WEST 1-2 SPEED PRTA212IPI	 GREEN START PRTA213IPI	 RAISE PRTA214IPI	 LOWER PRTA215IPI	 FORWARD PRTA216IPI	 REVERSE PRTA217IPI	 GREEN START PRTA302XPI
 RED STOP PRTA351XPI													

### Standard buttons - German

 GREEN MARSCH PRTA130TPI	 RED HALT PRTA131TPI	 YELLOW ALARM PRTA132TPI	 GREEN MARSCH ALARM PRTA133TPI	 AUF HEBEN PRTA134TPI	 AB HEBEN PRTA135TPI	 AUF SCHNELL H. PRTA136TPI	 AB SCHNELL H. PRTA137TPI	 AUF H. 1-2 GESCH. PRTA138TPI	 AB H. 1-2 GESCH. PRTA139TPI	 SCHNELL SCHWENKEN PRTA140TPI	 SCHNELL HEBEN PRTA141TPI	 VORW. FAHREN PRTA142TPI	 RÜCKW. FAHREN PRTA143TPI
 LINKS SCHWENKEN PRTA144TPI	 RECHTS SCHWENKEN PRTA145TPI	 LINKS SCHNELL SC. PRTA146TPI	 RECHTS SCHNELL SC. PRTA147TPI	 LINKS SC. 1-2 GESCH. PRTA148TPI	 RECHTS SC. 1-2 GESCH. PRTA149TPI	 VORW. LAUFKATZE PRTA152TPI	 RÜCKW. LAUFKATZE PRTA153TPI	 VORW. SCHNELL L. PRTA154TPI	 RÜCKW. SCHNELL L. PRTA155TPI	 VORW. L. 1-2 GESCH. PRTA156TPI	 RÜCKW. L. 1-2 GESCH. PRTA157TPI	 VORW. BRÜCKE PRTA170TPI	 RÜCKW. BRÜCKE PRTA171TPI
 VORW. SCHNELL B. PRTA172TPI	 RÜCKW. SCHNELL B. PRTA173TPI	 VORW. B. 1-2 GESCH. PRTA174TPI	 RÜCKW. B. 1-2 GESCH. PRTA175TPI	 LINKS LAUFKATZE PRTA176TPI	 RECHTS LAUFKATZE PRTA177TPI	 LINKS SCHNELL L. PRTA178TPI	 RECHTS SCHNELL L. PRTA179TPI	 LINKS L. 1-2 GESCH. PRTA180TPI	 RECHTS L. 1-2 GESCH. PRTA181TPI				

### Standard buttons - French

 GREEN MARCHÉ LIGNE PRTA130FPI	 RED ARRÊT LIGNE PRTA131FPI	 YELLOW ALARME PRTA132FPI	 GREEN MARCHÉ ALARME PRTA133FPI	 MONTÉE LEVAGE PRTA134FPI	 DESCENTE LEVAGE PRTA135FPI	 MONTÉE VITE LEV. PRTA136FPI	 DESCENTE VITE LEV. PRTA137FPI	 MONTÉE LEV. 1-2 VIT. PRTA138FPI	 DESCENTE LEV. 1-2 VIT. PRTA139FPI	 VITE ROTATION PRTA140FPI	 VITE LEVAGE PRTA141FPI	 AVANT TRANSL. PRTA142FPI	 ARRIÈRE TRANSL. PRTA143FPI
 GAUCHE ROTATION PRTA144FPI	 DROITE ROTATION PRTA145FPI	 GAUCHE VITE ROT. PRTA146FPI	 DROITE VITE ROT. PRTA147FPI	 GAUCHE ROT. 1-2 VITE PRTA148FPI	 DROITE ROT. 1-2 VITE PRTA149FPI	 AVANT CHARIOT PRTA152FPI	 ARRIÈRE CHARIOT PRTA153FPI	 AVANT CHARIOT VITE PRTA154FPI	 ARRIÈRE CHARIOT VITE PRTA155FPI	 AVANT CH. 1-2 VIT. PRTA156FPI	 ARRIÈRE CH. 1-2 VIT. PRTA157FPI	 AVANT PONT PRTA170FPI	 ARRIÈRE PONT PRTA171FPI
 AVANT PONT VITE PRTA172FPI	 ARRIÈRE PONT VITE PRTA173FPI	 AVANT PONT 1-2 VIT. PRTA174FPI	 ARRIÈRE PONT 1-2 VIT. PRTA175FPI	 GAUCHE CHARIOT PRTA176FPI	 DROITE CHARIOT PRTA177FPI	 GAUCHE CHAR. VITE PRTA178FPI	 DROITE CHAR. VITE PRTA179FPI	 GAUCHE CH. 1-2 VIT. PRTA180FPI	 DROITE CH. 1-2 VIT. PRTA181FPI	 TRANSLAT. PRTA183FPI	 TRANSLAT. PRTA184FPI	 ARRÊT SOUFFL. PRTA185FPI	 MONTÉE ROTATION PRTA186FPI

### Standard buttons - Italian

PRTA123XPI	PRTA124XPI	PRTA125XPI	PRTA126XPI	PRTA127XPI	PRTA128XPI	PRTA129XPI	PRTA130XPI	PRTA131XPI	PRTA132XPI	PRTA133XPI	PRTA134XPI	PRTA135XPI	PRTA136XPI
PRTA137XPI	PRTA138XPI	PRTA139XPI	PRTA140XPI	PRTA141XPI	PRTA142XPI	PRTA143XPI	PRTA144XPI	PRTA145XPI	PRTA146XPI	PRTA147XPI	PRTA148XPI	PRTA149XPI	PRTA150XPI
PRTA151XPI	PRTA152XPI	PRTA153XPI	PRTA154XPI	PRTA155XPI	PRTA156XPI	PRTA157XPI	PRTA158XPI	PRTA159XPI	PRTA160XPI	PRTA161XPI	PRTA162XPI	PRTA163XPI	PRTA164XPI
PRTA165XPI	PRTA166XPI	PRTA167XPI	PRTA168XPI	PRTA169XPI	PRTA170XPI	PRTA171XPI	PRTA172XPI	PRTA173XPI	PRTA174XPI	PRTA175XPI	PRTA176XPI	PRTA177XPI	PRTA178XPI
PRTA179XPI	PRTA180XPI	PRTA181XPI	PRTA182XPI	PRTA183XPI	PRTA184XPI	PRTA185XPI	PRTA186XPI	PRTA187XPI	PRTA188XPI	PRTA189XPI	PRTA190XPI	PRTA191XPI	PRTA192XPI
PRTA193XPI	PRTA194XPI	PRTA195XPI	PRTA196XPI	PRTA197XPI	PRTA198XPI	PRTA200XPI	PRTA201XPI	PRTA202XPI	PRTA203XPI	PRTA204XPI	PRTA205XPI	PRTA206XPI	PRTA207XPI
PRTA208XPI	PRTA209XPI	PRTA210XPI	PRTA211XPI	PRTA212XPI	PRTA213XPI	PRTA214XPI	PRTA215XPI	PRTA226XPI	PRTA227XPI	PRTA228XPI	PRTA301XPI	PRTA302XPI	PRTA351XPI
PRTA352XPI	PRTA353XPI												

### Standard buttons - Spanish

PRTA123SPI	PRTA124SPI	PRTA125SPI	PRTA126SPI	PRTA127SPI	PRTA128SPI	PRTA129SPI	PRTA130SPI	PRTA131SPI	PRTA132SPI	PRTA135SPI	PRTA136SPI	PRTA137SPI	PRTA138SPI
PRTA139SPI	PRTA140SPI	PRTA141SPI	PRTA142SPI	PRTA143SPI	PRTA144SPI	PRTA145SPI	PRTA146SPI	PRTA155SPI	PRTA156SPI	PRTA157SPI	PRTA158SPI	PRTA159SPI	PRTA160SPI
PRTA161SPI	PRTA162SPI	PRTA163SPI	PRTA164SPI	PRTA212SPI									

# SPA - REQUEST FORM FOR NON STANDARD CONTROL STATION

## Instructions

Fill in the chart to the left according to the number of control elements required (2, 4, 6, 8, 10, 12, 14, 16, 18 or 20 buttons).

- 1 Control elements:** enter in the broken-line box the number corresponding to the control element required (from [1] to [9]) according to the legend.
- 2 Buttons:** when buttons are required, fill in the PRTA\_\_\_\_\_ code. If you choose **buttons with arrows**, mark the direction of the arrow into the corresponding box Eg.
- 3 Switches:** enter the number corresponding to the switch required (from [20] to [29]) according to the legend. ATTENTION: **lamp holders** can be fitted with bulbs (not supplied) or with LEDs (on request).
- 4 LED:** tick the box if you require LEDs to be fitted into the lamp holders.
- 5 Mechanical interlock:** tick the boxes where the mechanical interlock (MI) between pushbuttons is required. Eg.
- 6 Cable sleeve and hook:** tick the appropriate boxes to indicate where the cable sleeve and the hook must be assembled (top or bottom). Eg.  Cable sleeve  Hook

## Control elements

1

- [1] PRSL3500PI Emergency stop mushroom pushbutton
- [2] PRSL3531PI Impulse mushroom pushbutton
- [3] PRSL3539PI 2 position key selector switch
- [4] PRSL3540PI 2 position selector switch
- [5] PRSL3543PI 3 position selector switch
- [6] PRSL3534PI Red pilot light
- [7] PRSL3535PI Green pilot light
- [8] PRSL3542PI Yellow pilot light
- [9] PRSL5557PI Blanking plug

<p>Control elements</p> <div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<p>Hook <input type="checkbox"/></p> <p>Cable sleeve <input type="checkbox"/></p> <p>Switches</p> <div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<p>Control elements</p> <div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
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<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>
<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; left: -15px; border: 1px dashed black; padding: 2px;"> </span> <span style="position: absolute; top: 5px; right: 5px; border: 1px solid black; padding: 2px;">MI</span> </div> <p>PRTA_____</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 5px auto; position: relative;"> <span style="position: absolute; top: -15px; right: -15px; border: 1px dashed black; padding: 2px;"> </span> </div> <p>PRTA_____</p>

