

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.

OPTIONS

- Available in configuration from 2 to 20 actuators, arranged on a double row.
- One or two speed switches with NO or NC contacts.
- 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.

CERTIFICATIONS

- CE marking and EAC certification.

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

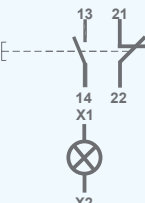
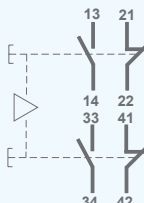
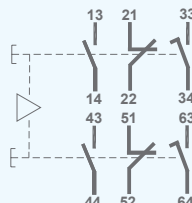
CERTIFICATIONS

Conformity to Community Directives	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
Conformity to 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 ENEC

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

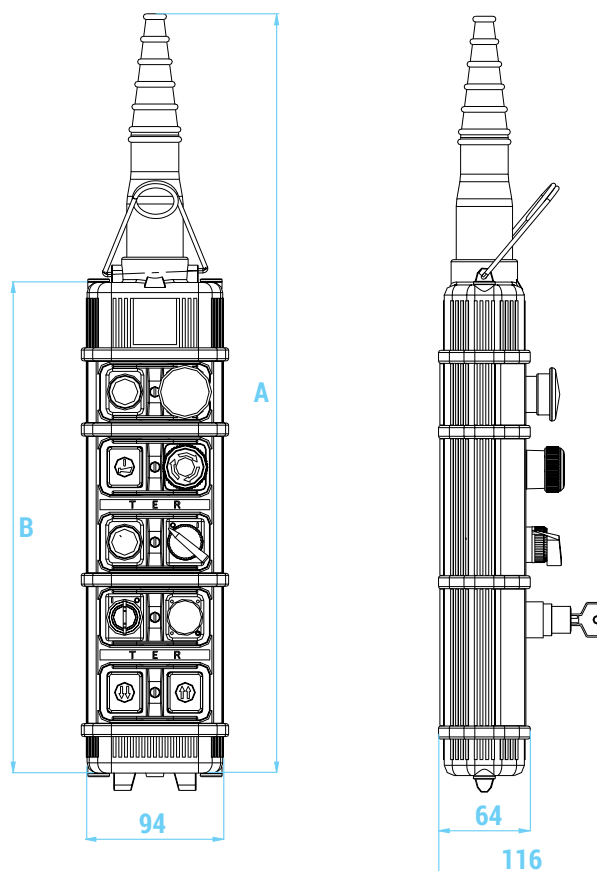
TECHNICAL SPECIFICATIONS OF THE SWITCHES

Code	PRSL0073XX	PRSL0074XX	PRSL0075XX
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	
Connections		Screw-type terminals	
Wires		1x2.5 mm ² , 2x1.5 mm ² (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)	
Tightening torque		0.8 Nm	
Microswitch type	Single switch, 1 speed with lamp holder with bayonet coupling (bulb not supplied)	Double switch, 1 speed with mechanical interlock	Double switch, 2 speeds with mechanical interlock
Contacts	1NO+1NC	1NO+1NC/1NO+1NC	1NO+1NC+1NO/1NO+1NC+1NO
Scheme			
Markings and homologations	CE cULus		

Code	PRSL0076XX	PRSL0077XX	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 ⁶ operations		
Connections	Screw-type terminals		
Wires	1x2.5 mm ² , 2x1.5 mm ² (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)		
Tightening torque	0.8 Nm		
Microswitch type	Double switch, 1 speed	Double switch, 1 speed with mechanical interlock	Double switch, 2 speeds with mechanical interlock
Contacts	1NO+1NC/2NO+2NC	2NO+2NC/2NO+2NC	1NC+2NO/2NC+2NO
Scheme			
Markings and homologations			

OVERALL DIMENSIONS (mm)

2



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				PF02020039			
Switch scheme	Switch type	Actuator type		Switch scheme	Switch type	Actuator type	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton	Pushbutton		PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton	Pushbutton

4 actuators

PF02040185				PF02040241			
Switch scheme	Switch type	Actuator type		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 GREEN	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	Switch type	Actuator type		Switch scheme	Switch type	Actuator type	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	-	Latched mushroom pushbutton		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton GREEN	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton	Pushbutton		PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton	Pushbutton

PF02040242				PF02040063			
Switch scheme	Switch type	Actuator type		Switch scheme	Switch type	Actuator type	
	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	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
	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

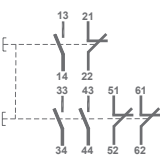
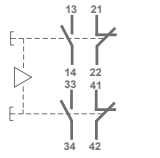
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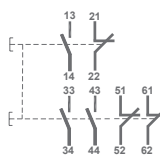
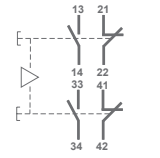
Switch scheme	Switch type	Actuator type	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton

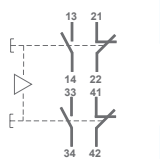
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Switch scheme	Switch type	Actuator type	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0074XX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

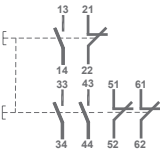
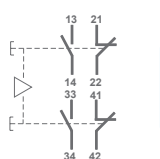
10 actuators

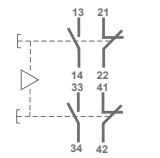
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Switch scheme	Switch type	Actuator type	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC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

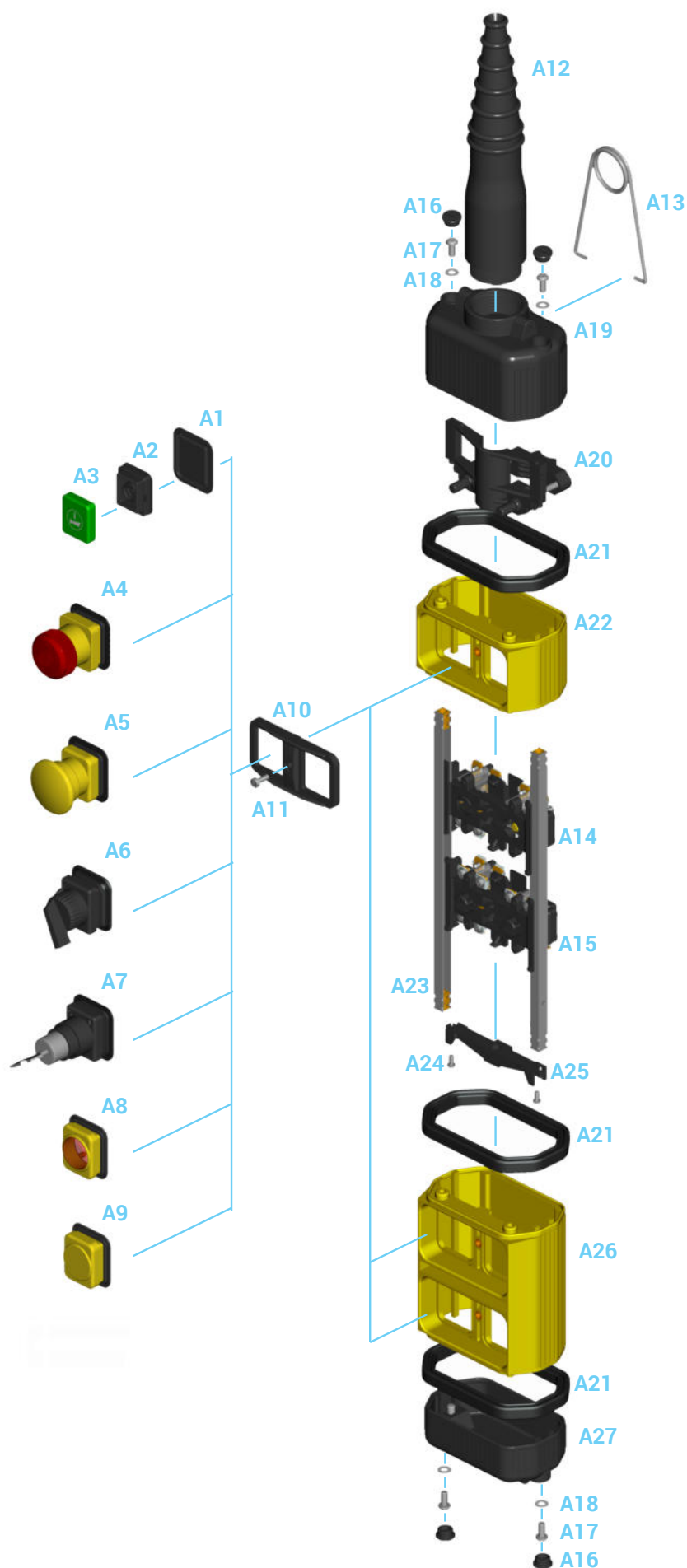
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Switch scheme	Switch type	Actuator type	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed		
	PRSL0074XX 1NO+1NC/1NO+1NC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

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

ASSEMBLY DRAWING

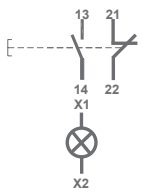
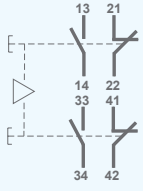
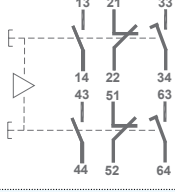
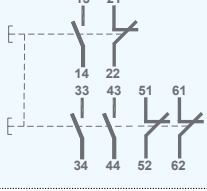
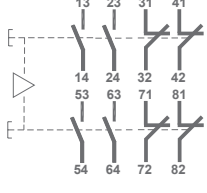
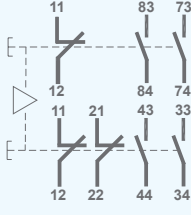


Refer to the following tables for descriptions of components: "Switches", "Actuators", "Pilot lights", "Mushroom pushbuttons" and "Accessories".

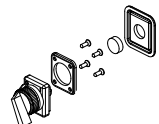
COMPONENTS

Switches

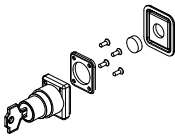
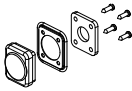
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Ref.	Drawing	Description	Scheme	Code
A14		1 speed, 1NO+1NC single switch with lamp holder with bayonet coupling (bulb not supplied)		PRSL0073XX
		1 speed, 1NO+1NC/1NO+1NC double switch with mechanical interlock		PRSL0074XX
		2 speed, 1NO+1NC+1NO/1NO+1NC+1NO double switch with mechanical interlock		PRSL0075XX
A15		1 speed, 1NO+1NC/2NO+2NC double switch		PRSL0076XX
		1 speed, 2NO+2NC/2NO+2NC double switch with mechanical interlock		PRSL0077XX
		2 speed, 1NC+2NO/2NC+2NO double switch with mechanical interlock		PRSL0090XX

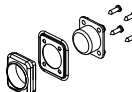
Actuators

Ref.	Drawing	Description	Code
A1		Rubber for button	PRGU6031PE
A2		Button holder	PRSL9284PI
A3		Button	PRTA_----- See standard buttons
A6		Selector switch 0/1 maintained positions	PRSL3540PI
		Selector switch 1/0/2 maintained positions	PRSL3543PI

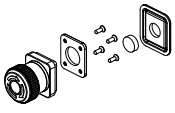
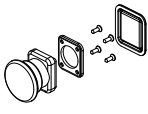
Actuators

Ref.	Drawing	Description	Code
A7		Key selector switch 0/1 maintained positions, pull-out position 0	PRSL3539PI
A9		Blanking plug	PRSL5557PI

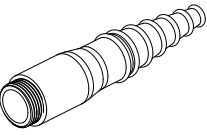
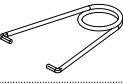
Pilot lights

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

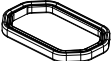
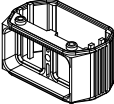
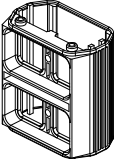
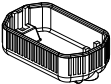
Mushroom pushbuttons

Ref.	Drawing	Description	Code
A4		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		Head plug	PRSL8610PI
A17		Head locking screw	PRVI1020PE
A18		Washer	PRRN1061PE
A19		Upper head	PRSL5525PI

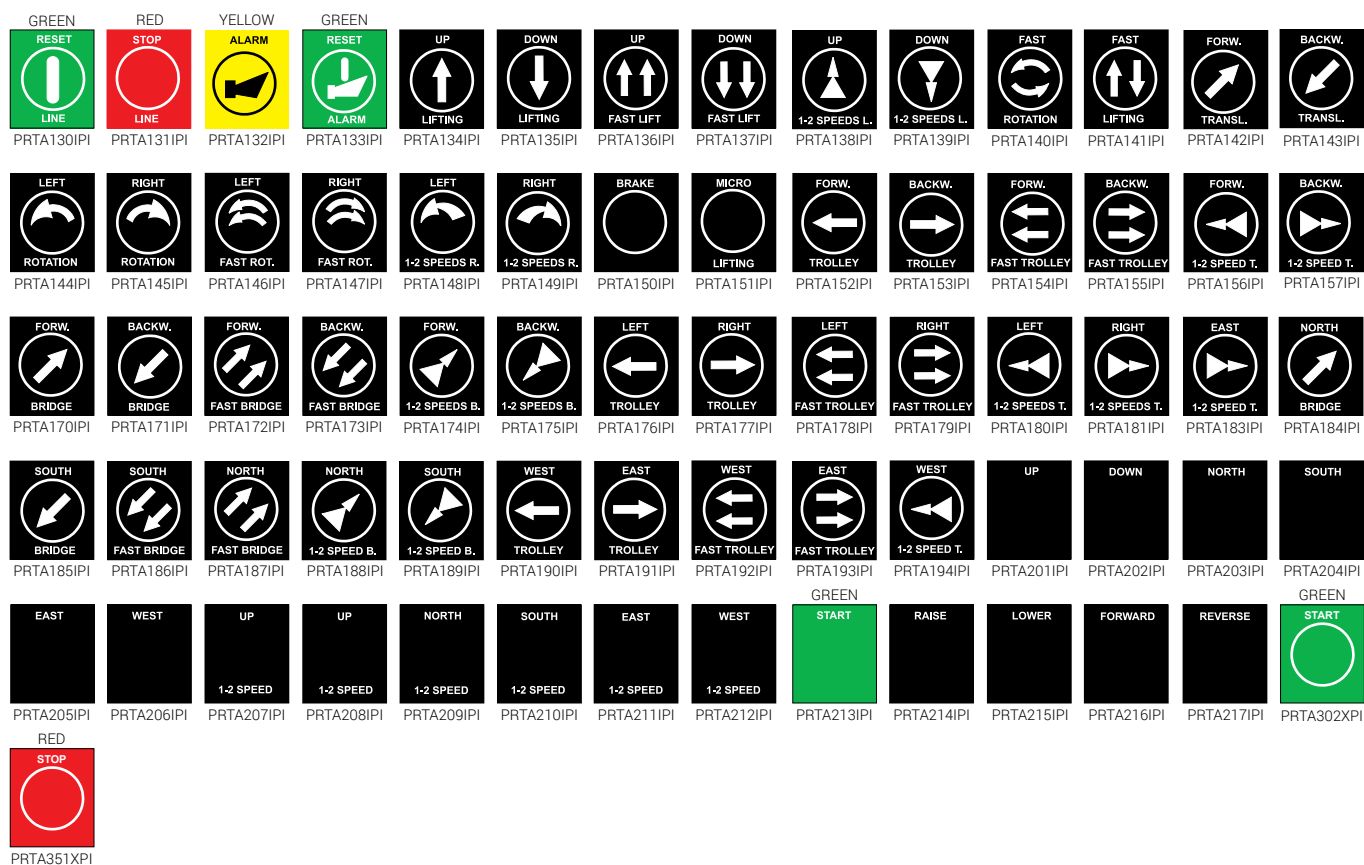
Accessories

Ref.	Drawing	Description	Code
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
A24		Rod for SPA 20 buttons	PRTR0116PE
		Screw	PRVI0005PE
A25		Switch holder with screw	PRSL3558PI
A26		Double section	PRSL5017AU
A27		Lower head	PRSL5530PI

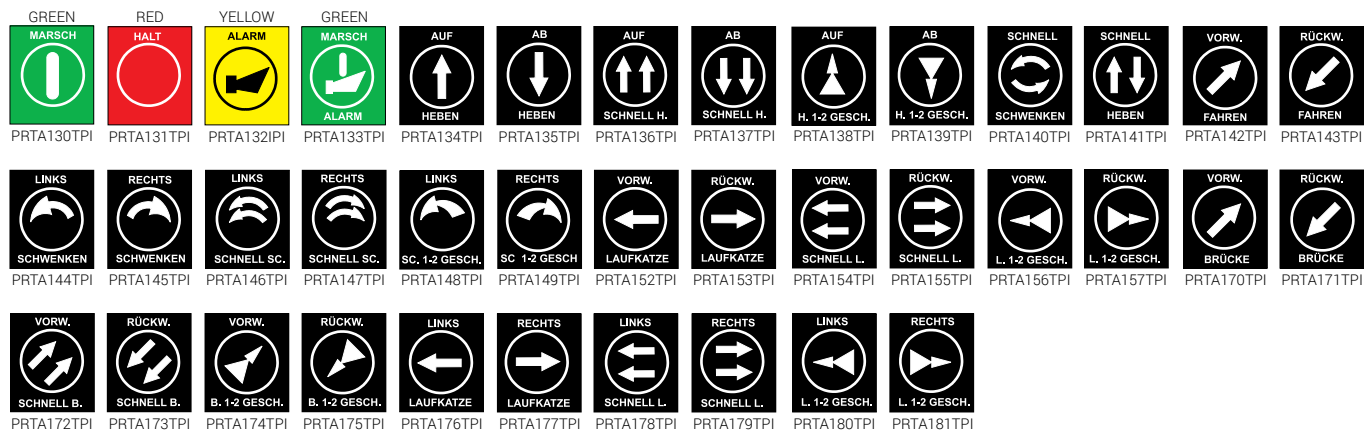
Standard buttons - Symbols

GREEN  PRTA101XPI	RED  PRTA102XPI	YELLOW  PRTA103XPI	GREEN  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  PRTA122XPI	BLACK  PRTA199XPI	YELLOW  PRTA220XPI	GREEN  PRTA221XPI	WHITE  PRTA229XPI									

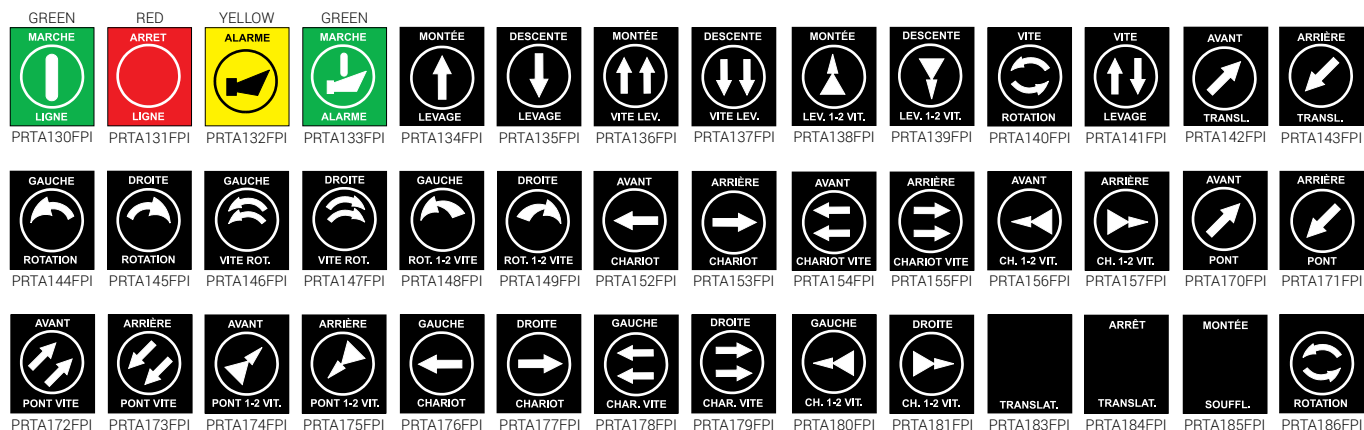
Standard buttons - English



Standard buttons - German



Standard buttons - French



Standard buttons - Spanish

