

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 featuring sticky customizable labels.
- 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
Markings and homologations	ISO 13850 Safety of machinery - Emergency stop - Principles for design
	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 ⁶ operations	-	1x10 ⁶ 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 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			
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 cULus UKCA			

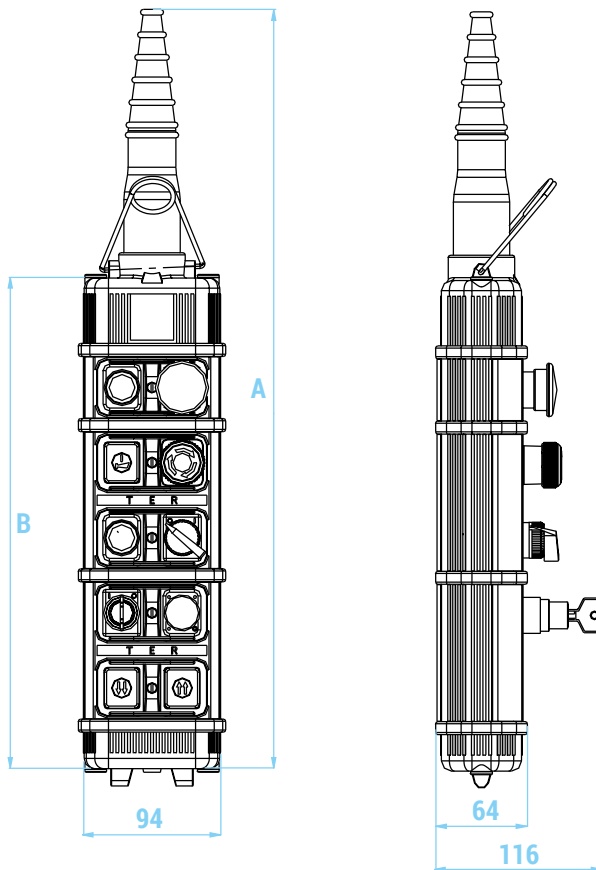
Code	PRSL0075XX	PRSL0076XX	PRSL0077XX
Utilisation category	AC 15	AC 15	AC 15
Rated operational current	1.9 A	1.9 A	1.9 A
Rated operational voltage	380 Vac	380 Vac	380 Vac
Rated thermal current	10 A	10 A	10 A
Rated insulation voltage	500 Vac	500 Vac	500 Vac
Mechanical life	1x10 ⁶ operations	1x10 ⁶ operations	1x10 ⁶ operations
Maximum voltage		-	
Maximum power		-	
Lamp type		-	
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		
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 ⁶ operations	1x10 ⁶ operations	1x10 ⁶ 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 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		
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

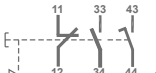





PF02L020007				PF02L020039			
Switch scheme	Switches	Actuators		Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 		PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton

4 actuators








PF02L040185				PF02L040241			
Switch scheme	Switches	Actuators		Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Blanking plug	Latched mushroom 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








PF02L040186				PF02L040240			
Switch scheme	Switches	Actuators		Switch scheme	Switches	Actuators	
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	-	Latched mushroom pushbutton		PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Latched mushroom 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	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	Pushbutton 	Pushbutton

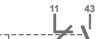

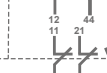





PF02L040243			
Switch scheme	Switches	Actuators	
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton 

6 actuators

PF02L060455			
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 

PF02L060401			
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 

PF02L060456			
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 

PF02L060439			
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 

PF02L060355

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

PF02L060356

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

PF02L080237

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

PF02L080440

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
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton

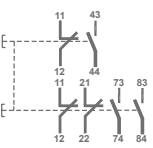

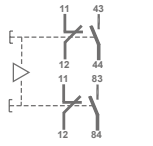


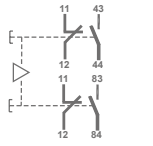








PF02L080702

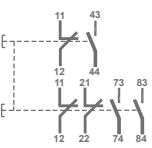

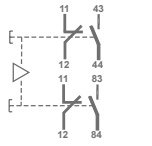


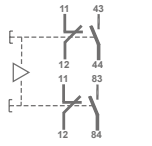








Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton

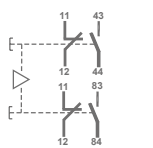


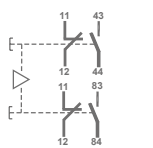

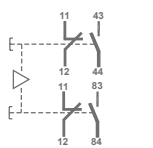


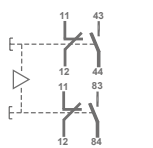


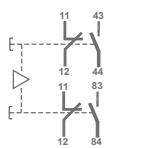


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Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0075XX 1NO+1NC/1NO+1NC 2 speeds	Pushbutton 	Pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC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

10 actuators

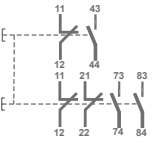

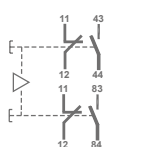


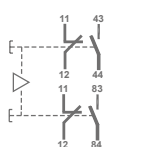


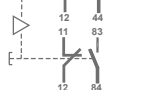





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	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

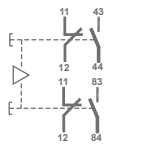


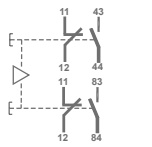

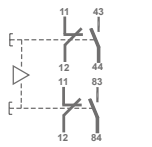


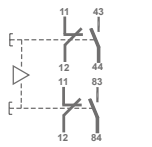


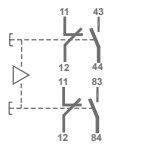


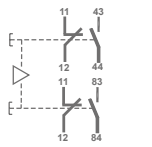


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Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC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

PF02L101187			
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 

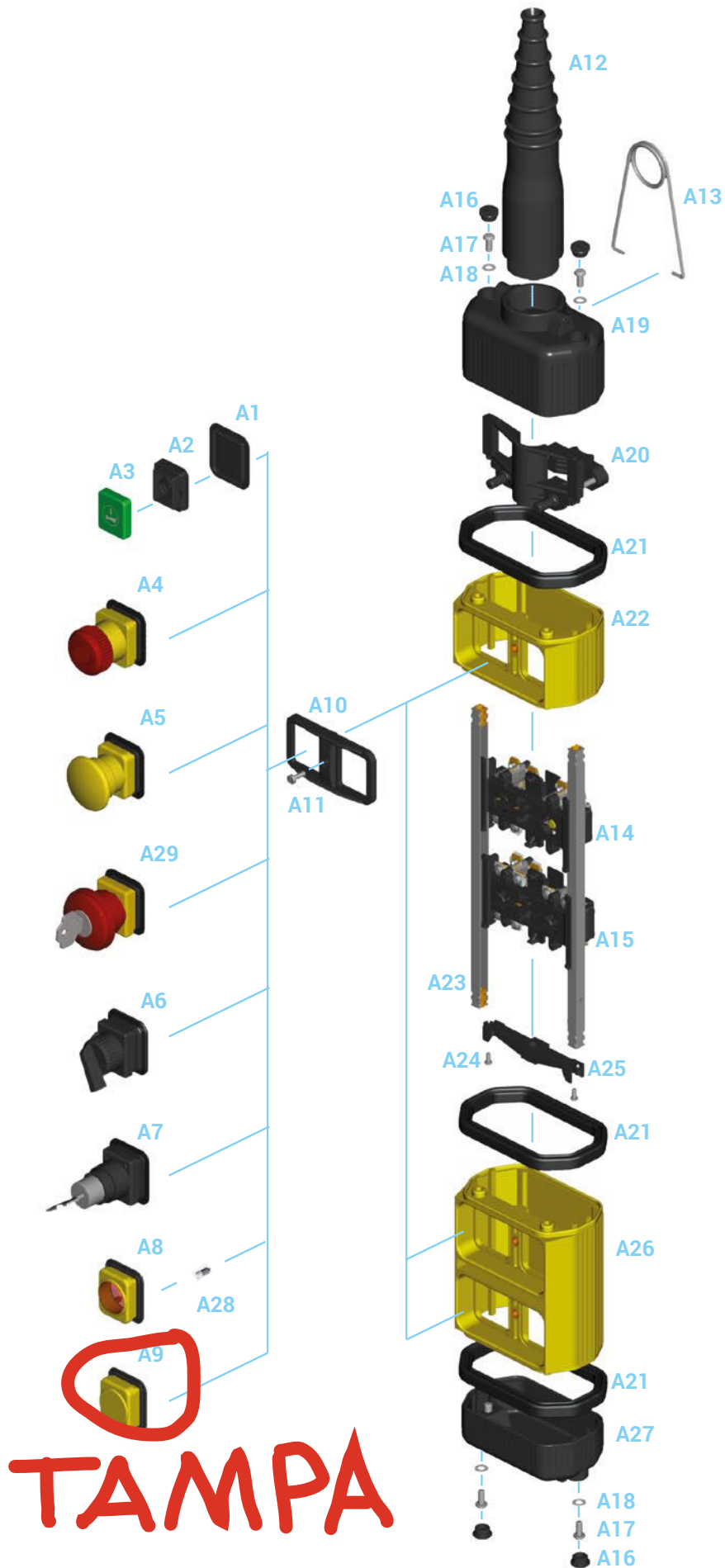
TAMPA A9

12 actuators

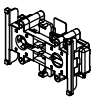
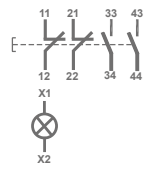

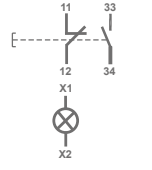
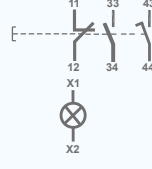
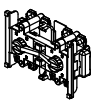
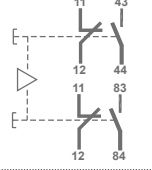
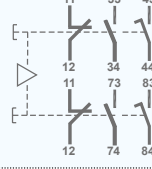
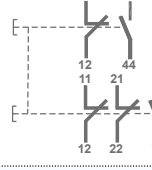
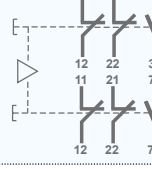
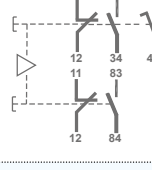
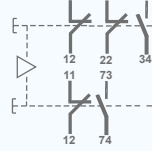
PF02L120300			
Switch scheme	Switches	Actuators	
	PRSL0076XX 1NO+1NC/2NO+2NC 1 speed	Pushbutton 	Latched mushroom pushbutton
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 
	PRSL0074XX 1NO+1NC/1NO+1NC 1 speed	Pushbutton 	Pushbutton 

PF02L121167			
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 




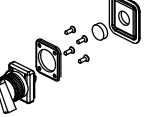
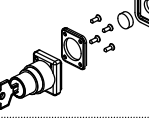

ASSEMBLY DRAWING



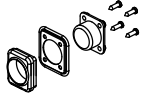
Refer to the following tables for descriptions of components: "Switches", "Actuators", "Pilot lights", "Mushroom pushbuttons" and "Accessories".

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

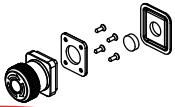
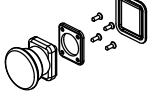
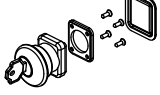
Ref.	Drawing	Description	Code
A1		Rubber for button	PRGU6031PE
A2		Button holder	PRSL9284PI
A3		Button with label (Pushbuttons moulded in two colours to guarantee clear reading and wear resistance are available only on request.)	TL _____ See button tables
A6		Selector switch 0/1 maintained positions	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		Blue	PRSL3532PI
		Red	PRSL3534PI
		Green	PRSL3535PI
		Yellow	PRSL3542PI

Mushroom pushbuttons

BOTÃO EMERGENCIA

Ref.	Drawing	Description	Code
A4		Latched mushroom pushbutton for emergency stop	PRSL3500PI
A5		Impulse mushroom pushbutton	PRSL3531PI
A29		Key mushroom pushbutton (red)	SL000132

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

Accessories

Ref.	Drawing	Description	Code
A17		Locking screw for cover	PRVI1020PE
A18		Washer	PRRN1061PE
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
Rod for SPA 22 buttons	PRTR0117PE		
Rod for SPA 24 buttons	PRTR0118PE		
Rod for SPA 26 buttons	PRTR0119PE		
Rod for SPA 28 buttons	PRTR0120PE		
A24		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

5 - BOTOES ESQUERDOS SOBE
5 - BOTOES DIREITOS DESCE

GREEN RED YELLOW GREEN

TLN101X000 TLR102X000 TLR103X000 TLR104X000 TLN105X000 TLN106X000 TLN106X000 TLN107X000 TLN107X000 TLN108X000 TLN108X000 TLN109X000 TLN109X000

TLN110X000 TLN110X000 TLN111X000 TLN112X000 TLN112X000 TLN113X000 TLN114X000 TLN114X000 TLN115X000 TLN116X000 TLN116X000 TLN117X000 TLN117X000 TLN118X000

TLN119X000 TLN119X000 TLN120X000 TLN121X000 TLN121X000 TLN216X000 TLN217X000 TLN218X000 TLN219X000 TLN374X000 TLN375X000 TLN375X000 TLN376X000 TLN377X000

RED BLACK YELLOW GREEN WHITE

TLR122X000 TLN199X000 TLR220X000 TLV221X000 TLB229X000

Standard buttons - English

TLV130I000	TLR131I000	TLG132I000	TLV133I000	TLN134I000	TLN135I000	TLN136I000	TLN137I000	TLN138I000	TLN139I000	TLN140I000	TLN141I000	TLN142I000	TLN143I000
TLN144I000	TLN145I000	TLN146I000	TLN147I000	TLN148I000	TLN149I000	TLN150I000	TLN151I000	TLN152I000	TLN153I000	TLN154I000	TLN155I000	TLN156I000	TLN157I000
TLN170I000	TLN171I000	TLN172I000	TLN173I000	TLN174I000	TLN175I000	TLN176I000	TLN177I000	TLN178I000	TLN179I000	TLN180I000	TLN181I000	TLN183I000	TLN184I000
TLN185I000	TLN186I000	TLN187I000	TLN188I000	TLN189I000	TLN190I000	TLN191I000	TLN192I000	TLN193I000	TLN194I000	TLN201I000	TLN202I000	TLN203I000	TLN204I000
TLN205I000	TLN206I000	TLN207I000	TLN208I000	TLN209I000	TLN210I000	TLN211I000	TLN212I000	TLV213I000	TLN214I000	TLN215I000	TLN216I000	TLN217I000	TLV302X000
TLR351X000	TLN378X000												

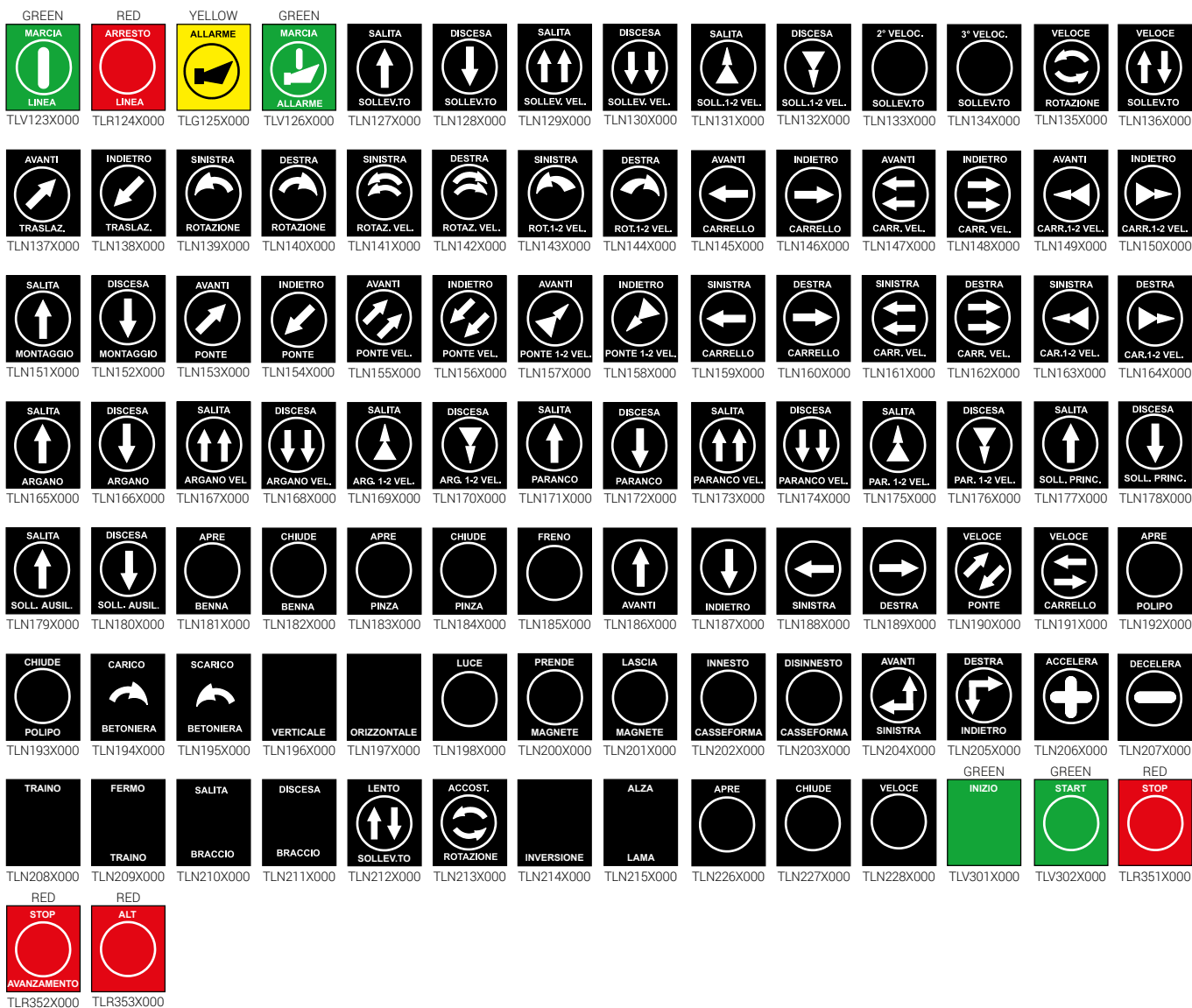
Standard buttons - German

TLV130T000	TLR131T000	TLG132I000	TLV133T000	TLN134T000	TLN135T000	TLN136T000	TLN137T000	TLN138T000	TLN139T000	TLN140T000	TLN141T000	TLN142T000	TLN143T000
TLN144T000	TLN145T000	TLN146T000	TLN147T000	TLN148T000	TLN149T000	TLN152T000	TLN153T000	TLN154T000	TLN155T000	TLN156T000	TLN157T000	TLN170T000	TLN171T000
TLN172T000	TLN173T000	TLN174T000	TLN175T000	TLN176T000	TLN177T000	TLN178T000	TLN179T000	TLN180T000	TLN181T000				

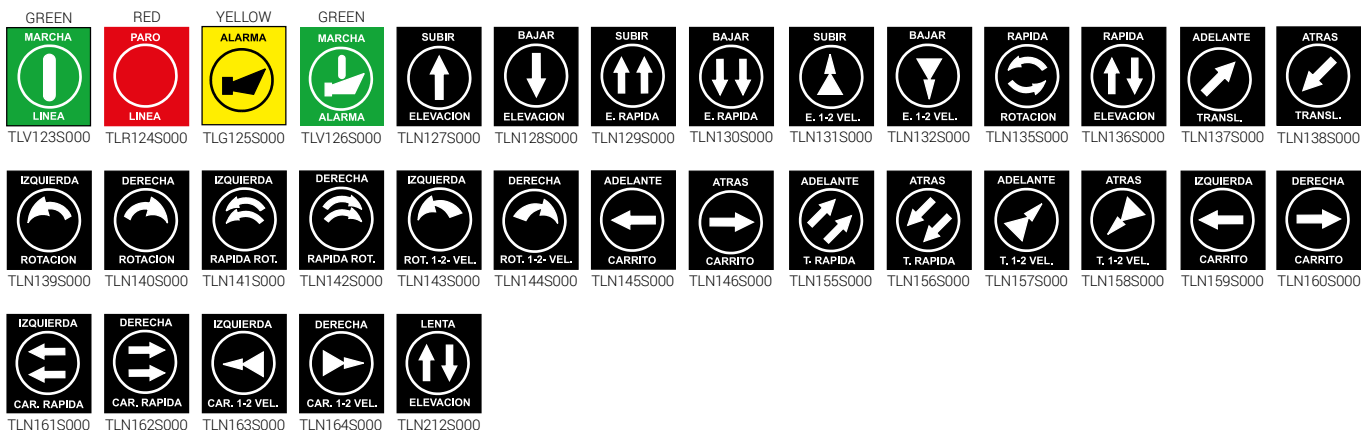
Standard buttons - French

TLV130F000	TLR131F000	TLG132F000	TLV133F000	TLN134F000	TLN135F000	TLN136F000	TLN137F000	TLN138F000	TLN139F000	TLN140F000	TLN141F000	TLN142F000	TLN143F000
TLN144F000	TLN145F000	TLN146F000	TLN147F000	TLN148F000	TLN149F000	TLN152F000	TLN153F000	TLN154F000	TLN155F000	TLN156F000	TLN157F000	TLN170F000	TLN171F000
TLN172F000	TLN173F000	TLN174F000	TLN175F000	TLN176F000	TLN177F000	TLN178F000	TLN179F000	TLN180F000	TLN181F000	TLN183F000	TLN184F000	TLN185F000	TLN186F000

Standard buttons - Italian





Standard buttons - Spanish



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 actuators).

- 1 Control elements:** in the broken-line box enter the number corresponding to the control element required ([1] to [11]) according to the legend.
- 2 Buttons:** when buttons are required, fill in the TL_____ code (see standard button tables).
If you choose **buttons with arrows**, enter the direction of the arrow into the corresponding box. Eg. 
- 3 Switches:** enter the number corresponding to the switch required ([20] to [29]) according to the legend.
ATTENTION: **lamp holders** can be fitted with bulbs or with LEDs (on request).
- 4 LED / bulb:** tick the box on the following page if you require LEDs or bulbs to be fitted into the lamp holders.
- 5 Mechanical interlock:** tick the boxes where you require the mechanical interlock (MI) between pushbuttons. 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).

1 Control elements

[1]	PRSL3500PI	Emergency stop mushroom pushbutton
[2]	PRSL3531PI	Impulse mushroom pushbutton
[3]	SL000132	Key mushroom pushbutton (red)
[4]	PRSL3539PI	2 position key selector switch
[5]	PRSL3540PI	2 position selector switch
[6]	PRSL3543PI	3 position selector switch
[7]	PRSL3534PI	Red pilot light
[8]	PRSL3535PI	Green pilot light
[9]	PRSL3542PI	Yellow pilot light
[10]	PRSL3532PI	Blue pilot light
[11]	PRSL5557PI	Blanking plug

1

Control elements

2

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

6

Hook

Cable sleeve

3 Switches MI MI MI MI MI MI MI MI MI MI MI MI MI MI

Hook

Cable sleeve

5

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

TL_____

Control elements

