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CHARLIE Pendant control station



Compact-sized pendant station for auxiliary control. Modern user-friendly design, developed by an industrial design firm on technical, anthropomorphic, futuristic and ergonomic specifications.

Easy to handle and designed to reduce installation time and costs and maintenance down time.

FEATURES

- Reduced time and costs for installation and wiring: the switches are assembled inside the pendant station without screws, with all the terminals facing the cable inlet and screws in the opposite direction to facilitate wiring.
- A threaded ring is used to secure the enclosure and cover, providing easy access to the internal components without any need for tools or screws.
- Thanks to the hollow handle the control station can be quickly and easily set down onto a pin.
- The emergency stop mushroom pushbutton complies with standard EN 418.
- Mechanical life of switches: 1 million operations.
- IP protection degree: Charlie 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 with 2 or 3 actuators.
- Single switches with NO or NC contacts and double switches with NO contacts, one or two speeds, with electrical interlock to prevent simultaneous operation of opposite functions.

CERTIFICATIONS

- CE marking and EAC certification.
- Fill in the "request form" for accurate product configuration.

CERTIFICATIONS

Markings and homologations	C∈ EHL
	EN 418 Safety of machinery - Emergency stop equipment, functional
	EN 60529 Degrees of protection provided by enclosures
Conformity to CE Standards	EN 60947-5-1 Low-voltage switchgear and controlgear - Control circuit devices and switching elements - Electromechanical control circuit devices
	EN 60947-1 Low-voltage switchgear and controlgear
	EN 60204-1 Safety of machinery - Electrical equipment of machines
Conformity to Community Directives	2006/42/CE Machinery Directive
	2014/35/UE Low Voltage Directive

GENERAL TECHNICAL SPECIFICATIONS

A makin wat to man anatoma	Storage -40°C/+70°C
Ambient temperature	Operational -25°C/+70°C
IP protection degree	IP 65
Insulation category	Class II
Coble entry	Cable clamp M20
Cable entry	Spiral cable clamp M20
Operating positions	Any position
Weight	~ 320 g

TECHNICAL SPECIFICATIONS OF THE SWITCHES

Code	PRSL1000PI	PRSL1001PI			
Utilisation category	AC 15				
Rated operational current	3 A				
Rated operational voltage	250 V	/ac			
Rated thermal current	10 /	4			
Rated insulation voltage	500 V	/ac			
Mechanical life	1x10 ⁶ ope	rations			
Connections	Screw-type terminals				
Wires	1x2.5 mm², 2x1.5 mm² (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)				
Tightening torque	0.6 N	lm			
Microswitch type	Double break, slow action	Double break, slow action			
Contacts	1NO	1NC			
Scheme	$E \int_{14}^{13} E \int_{12}^{11} E \int_{12}^{12} E $				
Markings and homologations	C E c@us EAL				



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CHARLIE

Code	PRSL1002PI	PRSL1002PI PRSL1003PI				
Utilisation category	AC	AC 15				
Rated operational current	3 A					
Rated operational voltage	250	Vac				
Rated thermal current	10) A				
Rated insulation voltage	500	Vac				
Mechanical life	1x10 ⁶ or	perations				
Connections	Screw-typ	Screw-type terminals				
Wires	1x2.5 mm² (UL - (c)UL: use 60°C or 75°C copper	1x2.5 mm², 2x1.5 mm² (UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)				
Tightening torque	0.6	Nm				
Microswitch type	Double switch, 1 speed	Double switch, 2 speeds				
Contacts	2NO+common	3NO+common				
Scheme						

TECHNICAL SPECIFICATIONS OF THE LAMP HOLDERS

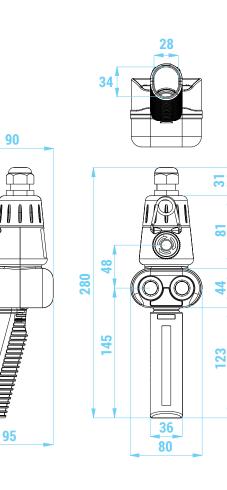
Markings and homologations

Code	PRSL1004PI
Maximum voltage	125 V
Maximum power	2.6 W
Lamp type	T5.5K 22 mm
Connections	Screw-type terminals
Wires	1x2.5 mm², 2x1.5 mm²
Tightening torque	0.6 Nm
Markings and homologations	CE

CHARLIE

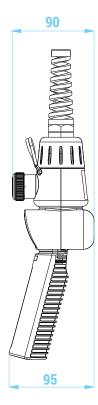
OVERALL DIMENSIONS (mm)

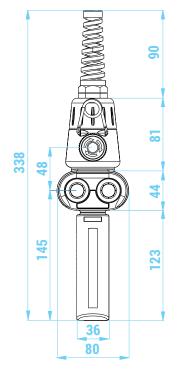
With cable clamp M20



With spiral cable clamp M20









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STANDARD CONTROL STATIONS

Standard control stations are equipped with cable clamp M20, hook and electrical interlock between opposite function pushbuttons.

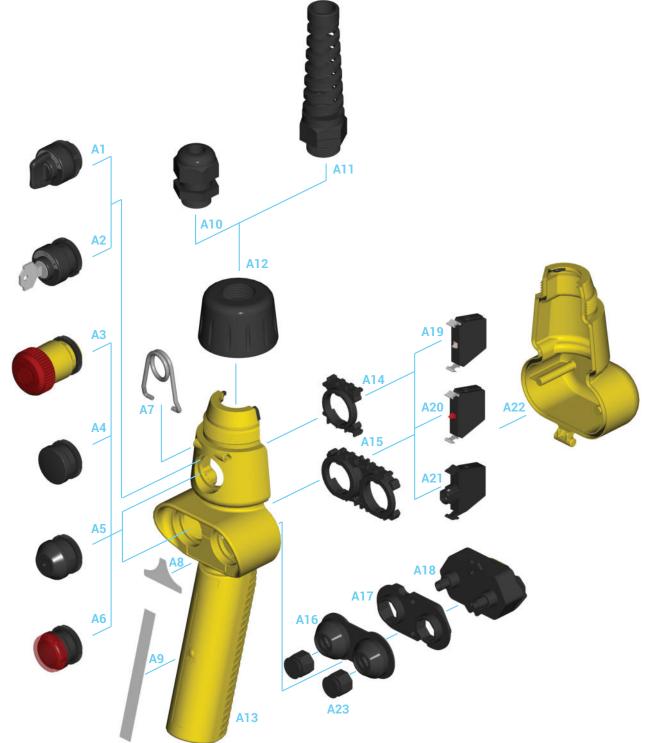
2 actuators

PF39020001			PF39020002		
Switch scheme Switch type Actuator type		Switch scheme	Switch scheme Switch type A		
	PRSL1002PI 2NO+common 1 speed	Pushbutton Pushbutton		PRSL1003PI 3NO+common 2 speeds	Pushbutton Pushbutton

3 actuators

PF39030001			PF39030002		
Switch scheme Switch type Actuator type			Switch scheme	Switch type	Actuator type
E	PRSL1001PI 1NC	Latched mushroom pushbutton	E	PRSL1001PI 1NC	Latched mushroom pushbutton
	PRSL1002PI 2NO+common 1 speed	Pushbutton		PRSL1003PI 3NO+common 2 speeds	Pushbutton Pushbutton

ASSEMBLY DRAWING





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

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COMPONENTS

Switches

Ref.	Drawing	Description	Scheme	Code
A18		1 speed, 2NO+common double switch		PRSL1002PI
		2 speeds, 3NO+common double switch		PRSL1003PI
A19		1NO switch	E	PRSL1000PI
A20		1NC switch	E	PRSL1001PI
A21	Ŭ,	Lamp holder	-	PRSL1004PI

Actuators

Ref.	Drawing	Description	Code
A4	000	Blanking plug	PRSL1023PI
A5		Single pushbutton	PRTS000001
A16	Ço	Rubber for double pushbutton	PRGO0020PE
A16+A23		Double pushbutton with rubber	PRTD000001
A17	O	Holding plate for double pushbutton	PRSL8737PI

Pilot lights

Ref.	Drawing	Color	Code
A6		Red	PRSL1012PI
		Yellow	PRSL1013PI
		Green	PRSL1014PI

Mushroom pushbuttons

Ref.	Drawing	Description	Code
A3	000	Latched mushroom pushbutton for emergency stop	PRSL1009PI

WE CARE

Selector switches

Ref.	Drawing	Positions	Spring return	Maintained positions	Pull-out position	Code
	•	0/1	Х			PRSL1015PI
A 1		0/1		Х		PRSL1016PI
AI	Ö	1/0/2	Х			PRSL1026PI
	_	1/0/2		Х		PRSL1027PI
4.0	£1000	0/1		Х	0	PRSL1017PI
A2		0/1	Х		0	PRSL1024PI

Accessories

Ref.	Drawing	Description	Code	
A7	\diamond	Hook	PRGA0015PE	
		Label	ET39030001	
		Label	ET39030021	
A8		Label	ET39030014	
		Label	ET39030069	
		Label	ET39030015	
	GREEN RED	Label	ET39030007	
A9		Blank label for handle	PRET0127PE	
A10		Cable clamp M20	PRPS0064PE	
A11		Spiral cable clamp M20	PRPS0025PE	
A12	Ĩ	Closing ring for cable clamp and spiral cable clamp	Closing ring for cable clamp and spiral cable clamp PRSL5524PI	
A13		Cover	Cover PRSL5008PI	
A14	• ·	Holding plate for 3 switches	PRSL8739PI	
A15		Holding plate for 2+2 switches	PRSL8735PI	
A22		Enclosure	Enclosure PRSL5518PI	



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CHARLIE - REQUEST FORM FOR NON STANDARD CONTROL STATION

Control elements	Label symbols		
1 PRTS000001 Single pushbutton		Cable clamp M20	
2 PRTD000001 Double pushbutton		Spiral cable clamp M20	
③ PRSL1023PI Blanking plug			
PRSL1009PI Emergency stop mushroom pushbutton	YELLOW		
5 PRSL1012PI Red pilot light			
6 PRSL1013PI Yellow pilot light		Single	
7 PRSL1014PI Green pilot light	BLACK		
⁽⁸⁾ PRSL1015PI Selector switch 0/1 spring return			
PRSL1016PI Selector switch 0/1 maintained positions		\bigcirc \bigcirc	
(10) PRSL1026PI Selector switch 1/0/2 spring return		Single Double Single	
(1) PRSL1027PI Selector switch 1/0/2 maintained positions		olingic Olingic	
PRSL1017PI Key selector switch 0/1 maintained positions			
(13) PRSL1024PI Key selector switch 0/1 spring return		Instructions - Fill in the chart according to the number of control	
Single switches		elements required.	
A PRSL1000PI 1NO		- Enter the number corresponding to the control element required in the circle. Selector switches can be mounted	
BPRSL1001PI 1NC		only in the central position.In the broken-line box enter the number corresponding	
C PRSL1004PI Lamp ho	lder	 to the symbol required on the label. Next to the number mark the direction of the arrow and the customized lettering, if requested. In the unbroken boxes enter the letters corresponding 	
Double switches			
D PRSL1002PI 1 speed		 to the single or double switches required. Tick the box if the cable clamp or the spiral cable clamp 	
E PRSL1003PI 2 speeds	;	 The label on the handle of the control station can be customized on request: please write the text requested under Remarks or e-mail the logo. 	

Remarks

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REMARKS

