

6100

Footswitch



Footswitch for auxiliary control of industrial machines. It acts on the machine motor through a power interface, such as a contactor.

FEATURES

- Positive opening NC contacts for safety functions.
- Mechanical life of switches: 1 million operations.
- IP protection degree: footswitch 6100/6200 is classified IP53.
- Extreme temperature resistance: -25°C to +70°C.
- Made of plastic material.
- Materials and components are shock and wear resistant.

CERTIFICATIONS

- CE marking.

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


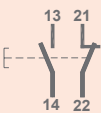
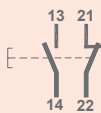
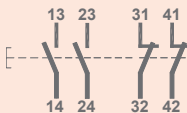
CERTIFICATIONS

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
Markings and homologations	CE

GENERAL TECHNICAL SPECIFICATIONS

Ambient temperature	Storage -40°C/+70°C
	Operational -25°C/+70°C
IP protection degree	IP 53
Insulation category	Class I
Cable entry	Cable clamps M20

TECHNICAL SPECIFICATIONS OF THE SWITCHES

Code	PRSL0036XX	PRSL0045PI	PRSL0047PI
Utilisation category	AC15		AC 15
Rated operational current	3 A		1,9 A
Rated operational voltage	250 Vac		380 Vac
Rated thermal current	10 A		10 A
Rated insulation voltage	300 Vac		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 break, snap action	Double break, slow action	Double break, slow action
Contacts	1NO+1NC (All NC contacts are of the positive opening operation type )	1NO+1NC	2NO+2NC
Scheme			
Markings and homologations	CE cUL _{us} ENEC		CE cUL _{us}

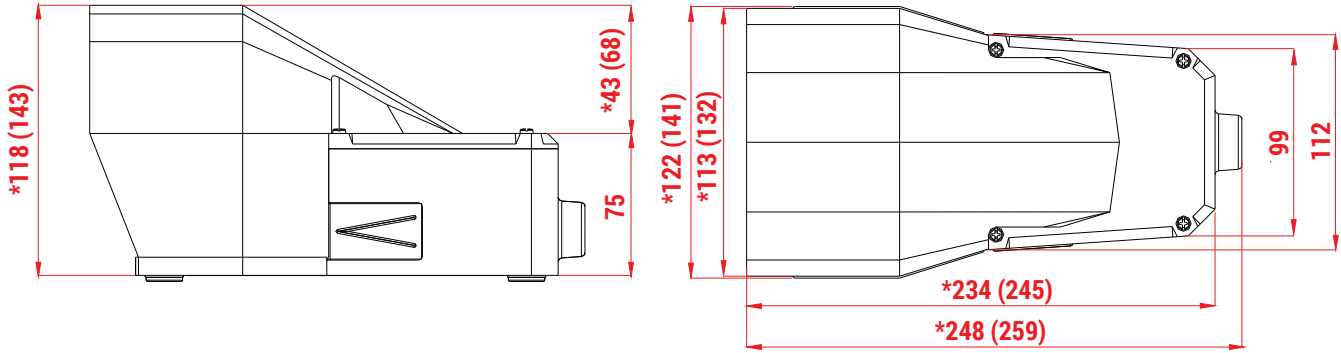
EIC code
SL0036

FOOTSWITCH 6100 - OVERALL DIMENSIONS (mm)

Simple

* with standard protection

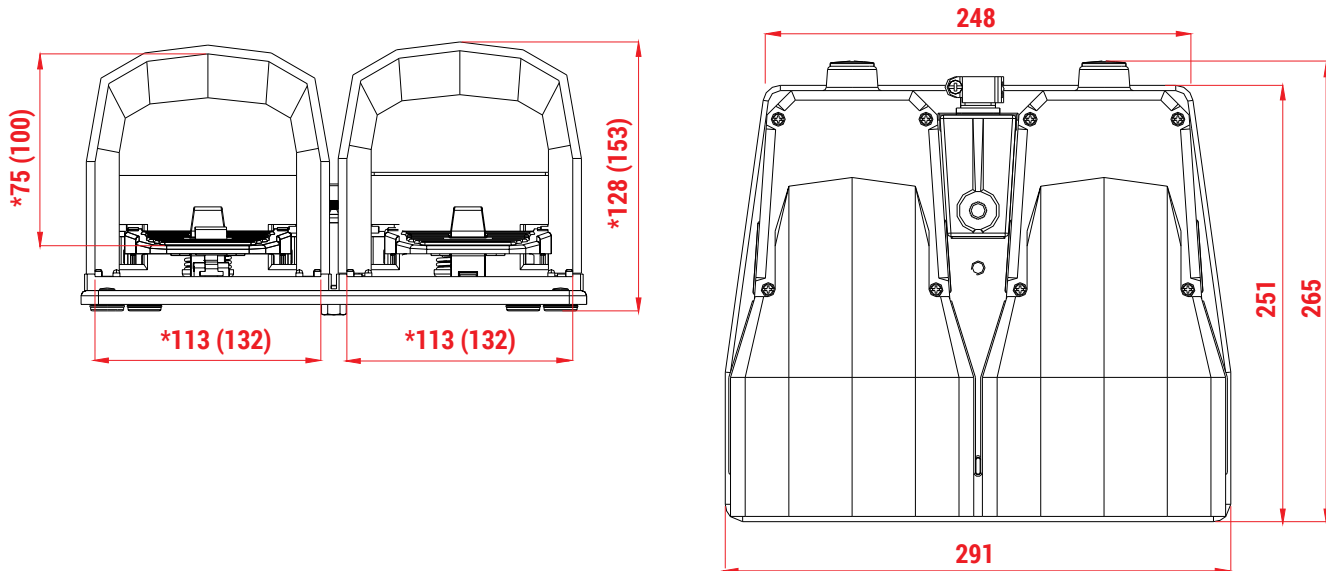
() with large protection





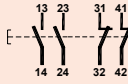
Double

* with standard protection

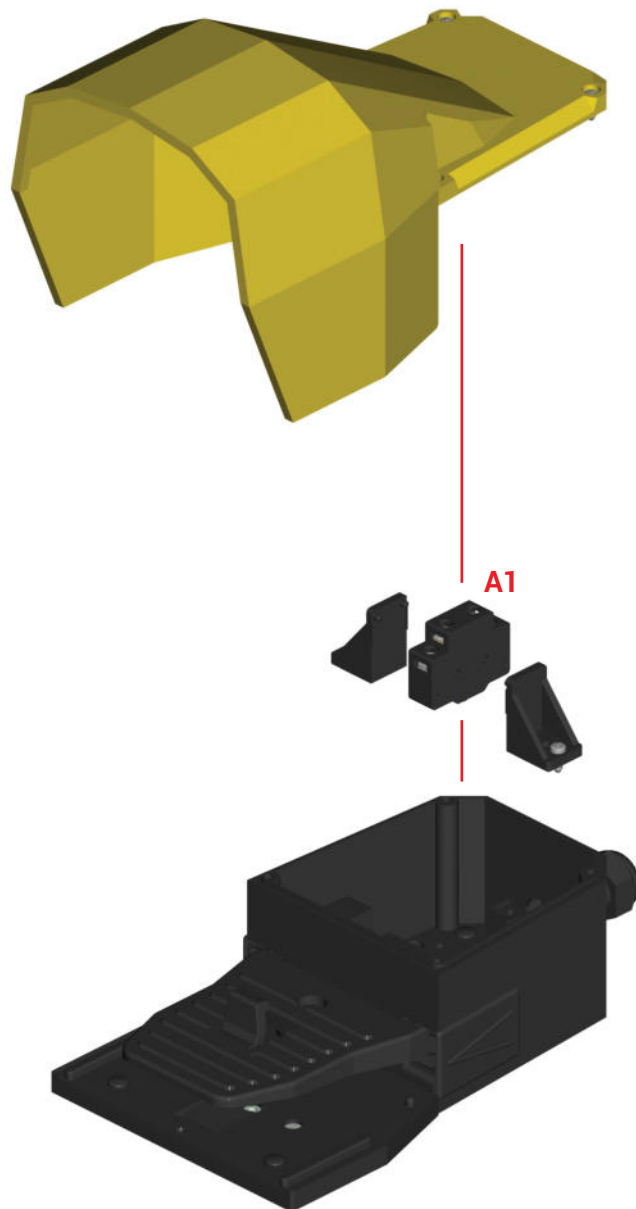
() with large protection



STANDARD 6100 FOOTSWITCHES

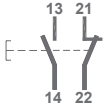

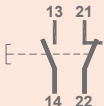
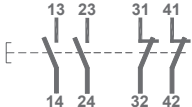
Material	Footswitch type			Protection		No. of switches			Code	
	Simple	Double	For valves	Standard	Large	PRSL0036XX 1NO+1NC snap action	PRSL0045PI 1NO+1NC slow action	PRSL0047PI 2NO+2NC slow action		
Plastic	X				X				6121	
	X				X				6122	
		X				X				6131
	X					X	1 with lock release device		6121/LATCH	

6100 FOOTSWITCH - ASSEMBLY DRAWING



COMPONENTS

Switches

Ref.	Drawing	Description	Scheme	Code
		1NO+1NC snap action switch		PRSL0036XX EIC code SL0036
A1		1NO+1NC slow action switch		PRSL0045PI
		2NO+2NC slow action switch		PRSL0047PI