



GIOVENZANA INTERNATIONAL B.V.



FOOT SWITCHES
SINGLE & DOUBLE



FOOT SWITCHES SERIES



Single or double foot switches thermoplastic type with the EN ISO 13850 emergency stop option. Available with electric or pneumatic controls.

IP65 🗆

SAFETY FOOT SWITCHES

Application

The safety foot switches are used as control switches of machines and plants when the operator must have his hands free to perform other functions.

Design and mode of operation

The safety foot switches in thermoplastic material are equipped with a shield to protect against accidental and unintentional actuation due to tool drop or unwanted trampling. In addition they are equipped with non-slip rubber feet and mechanical lock mounted in the pedal to prevent it from operating in the case the foot has not been fully positioned above the

The version without blocking and without foot protection cap is preferred when the main function is to stop the machine.

The electric foot switches can be equipped with a mushroom button as an emergency to interrupt the circuit even in the case of a actuated pedal. The electric contact exchange occurs when the pedal is completely lowered. The protection degree for single foot switches is IP65, while for double and with emergency mushroom is IP54. All foot switches are compliant with the Machinery Directive and are CE-marked.



Comply with Rated insulation voltage Ui Rated impulse withstand voltage Uimp

V

°C

°C

GENERAL CHARACTERISTICS

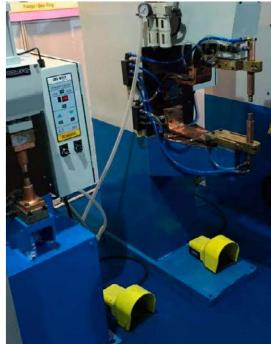
kV Operating frequency Hz Rated thermal current Ith Α Rated operating current le: AC-15 alternate current DC-13 continuous current

	Α
Conditional short circuit withstand	
Contact impendence	mΩ
Contact type	
Positive opening	
Electric shock protection	IEC 530
Protection rating	IEC 529

IEC/EN60947-5-1 690 (pollution class 3) 50/60 10 24 | 60 | 120 | 240 | 400 | 440 | 500 | 690 | 12 8 6 4,5 3,5 1 1 24 | 48 | 60 | 110 | 220 2 1,2 0,85 0,4 0,25 1000A - 10A-500V class gG fuses ≤25 Slow break double gap contacts

Class II IP65 Operating: -25 +70 Storage: -30 +70 pre-broken hole 16,5 - M20 (with safety)

NC contact with positive opening •



PRODUCT



DESCRIPTIO

Foot switch with trigger mechanism requiring positive action to allow pedal operation

Colour: PANTONE 102C

N	CONTACTS	CODE	MIN. PACK	WEIGHT
	Slow break		Quantity	grams
n	1NO	IP7007	1	1.400
n.	2N0	IP7008	1	1.400
	1NO+1NC	IP7007I	1	1.400
	1NO	IP7009	1	1.400
	Two speeds 1NO+1NO	IP7015	1	1.400

This product is also available in different colors:

Colour: RAL 7035



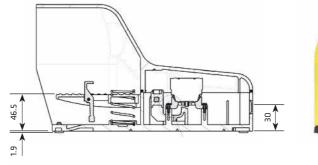
Colour: RAL 5010

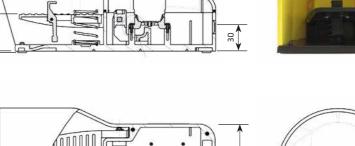


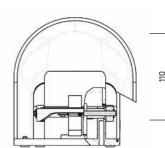
DIMENSIONAL DRAWINGS

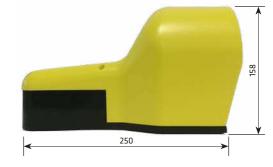
Ambient temperature

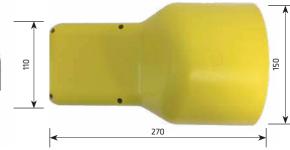
Cable entry











IP65 🗆



FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

GENERAL CHARACTERISTICS

FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

Single foot switches thermoplastic material. Available with electric or pneumatic controls.

SINGLE FOOT SWITCHES

Application

The foot switches are used to start and stop operations and production processes on machinery and plants, where manual operation is impossible.

Different foot switches versions are available depending on the ambient conditions and the mechanical behaviour. Applications include use on packaging machines, storage and transport technology as well as on textile machines.

Configurations

- Electrical version with NO contacts, single, double speed and with NC contacts with positive opening.
- Pneumatic version with 5 and 2 ways valves.
- With hooking device to keep the pedal lowered and the contact activated until the release is made by the front of the foot.
- The shaft with knob or handle on the tubular is available in the version with an emergency mushroom to carry the foot switch comfortably.

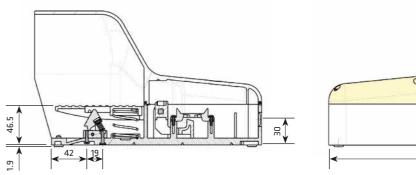
	:								
Comply with				IEC	/EN6	0947	'-5-1		
Rated insulation voltage Ui	V	690 (pollution class 3)							
Rated impulse withstand voltage Uimp	kV					4			
Operating frequency	Hz				50	/60			
Rated thermal current Ith	Α				1	0			
Rated operating current le:									
AC-15 alternate current	V	24	60	120	240	400	440	500	690
	Α	16	12	8	6	4,5	3,5	1	1
DC-13 continuous current	V	24	48	60	110	220			
	Α	2	1,2	0,85	0,4	0,25			
Conditional short circuit withstand		1	000	A - 10	4-500	OV cla	ıss gC	์ fuse	25
Contact impendence	mΩ				≤	25			
Contact type			Slow	break	dou	ble ga	эр соі	ntact	S
Positive opening		NC	cont	act w	ith po	ositiv	e ope	ning	Ð
Electric shock protection	IEC 536				Cla	ss II			
Protection rating	IEC 529				ΙP	65			
Ambient temperature	°C			Оре	ratin	g: -25	+70		
	°C			Sto	orage	: -30	+70		

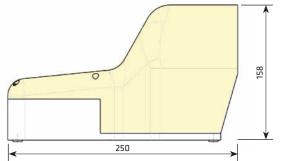
pre-broken hole 16,5 - M20 (with safety)

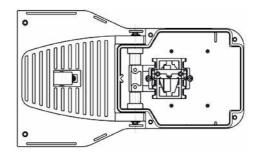
PRODUCT	DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
		Slow break		Quantity	grams
	Foot switch with pedal latching device and without trigger mechanism.	1NO	IP7011	1	1.400
	Colour: PANTONE 102C				

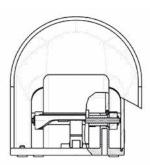
Cable entry

DIMENSIONAL DRAWINGS







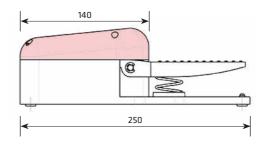


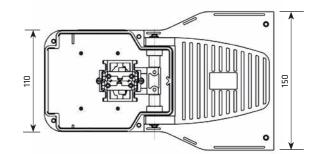
PRODUCT



DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
	Slow break		Quantity	grams
Foot switch without rest position trigger mechanism.	1NO+1NC	IP7006I	1	1.300
Colour: ■ RAL 3020				
Foot switch with pedal latching device and without trigger mechanism.	1NO+1NC	IP7035	1	1.300
Colour: ■ RAL 3020				

DIMENSIONAL DRAWINGS







FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

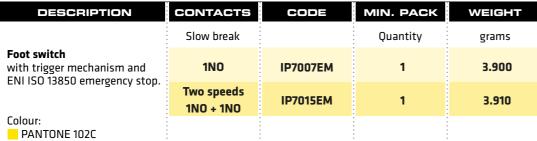
FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

Single foot switches thermoplastic material. Available with electric or pneumatic controls.

SINGLE FOOT SWITCHES



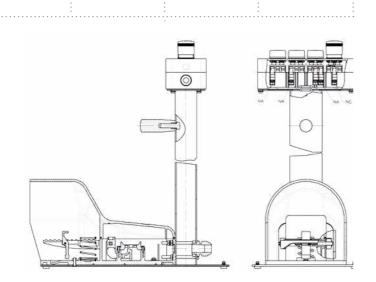


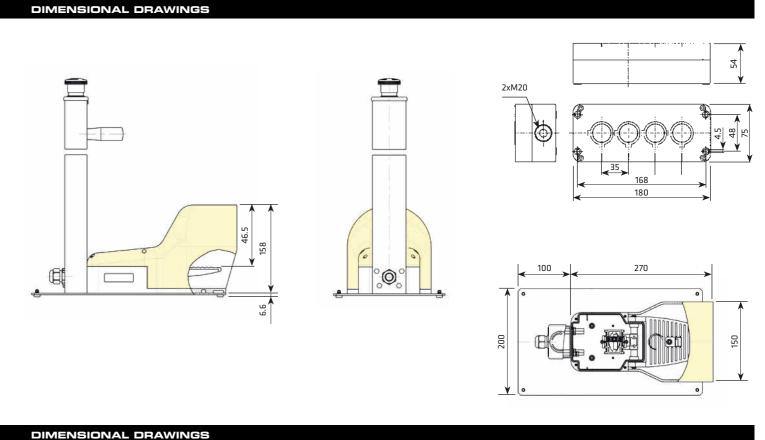




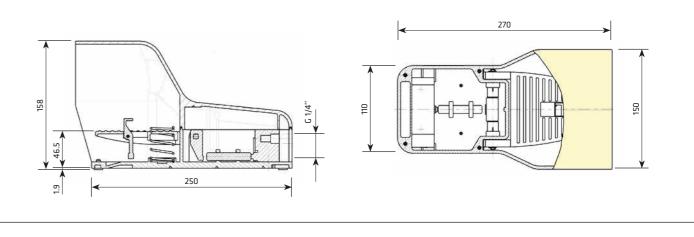
ON REQUEST

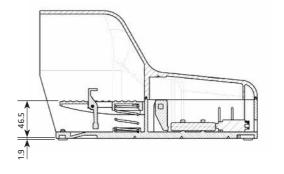
IP7026 with PQ01 station 4 holes with EN ISO 13850 emergency stop.

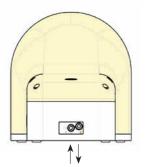


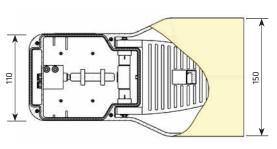


PNEUMATIC SINGLE FOOT	DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
SWITCHES		Slow break		Quantity	grams
	Foot switch pneumatic with trigger mechanism.	With 1/4" 5 ways valve	IP7023	1	1.600
	Colour: PANTONE 102C		14	4 2 5 1 3 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
***	Foot switch Pneumatic with pedal latching device and without trigger	With 1/4" 5 ways valve	IP7024	1	1.600
	mechanism. Colour: PANTONE 102C		14	4 2 5 1 3 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	Foot switch Pneumatic with trigger mechanism.	With 3/2" 2 ways valve	IP7032	1	1.600
	Colour: PANTONE 102C		1		









Working pressure 2:10 bar.

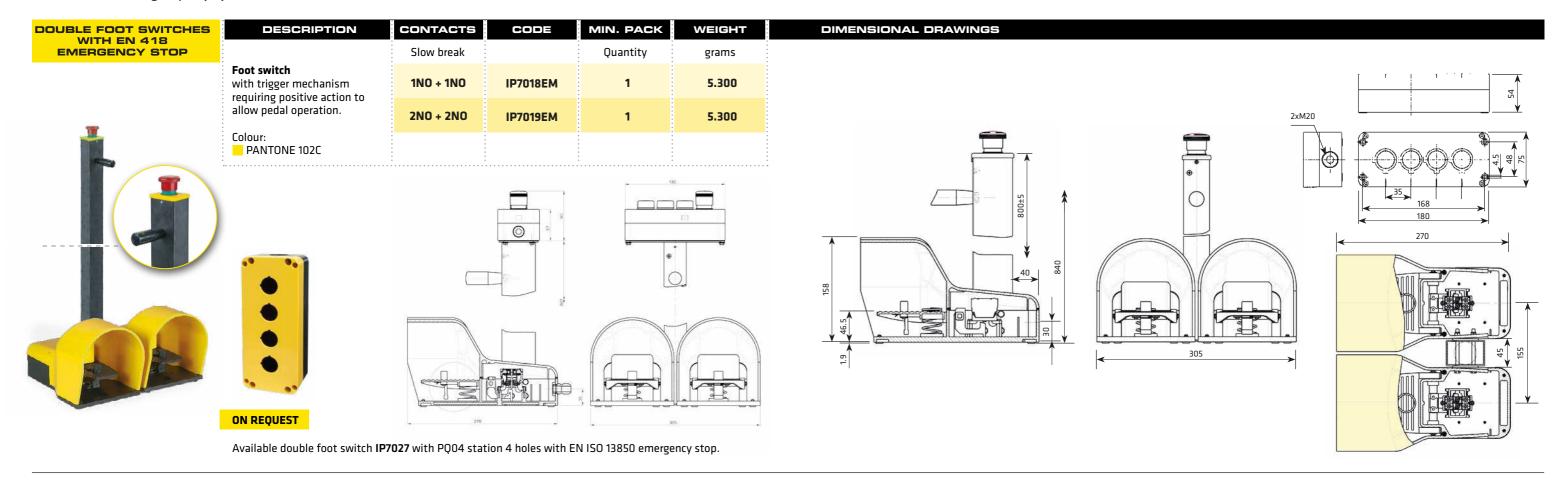


FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

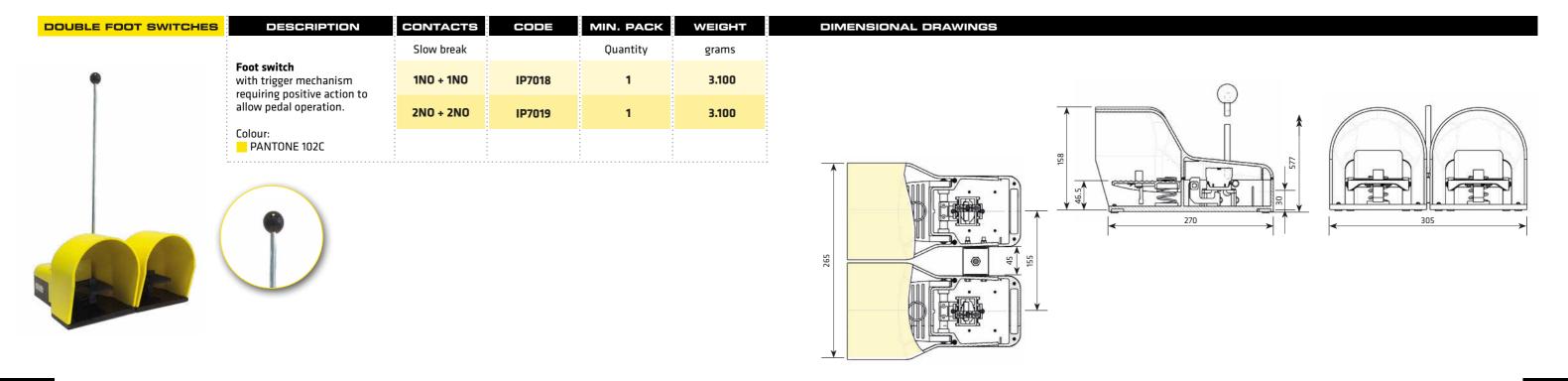
Double foot switches thermoplastic type with EN ISO 418 emergency stop option.

IP54 🗌



Double foot switches thermoplastic type with EN ISO 13850.

IP54 🗌





FOOT SWITCHES SERIES | EQUIPMENT

NOTES

Contact blocks, Pegasus Emergency Push Button



DESCRIPTION	CODE	COLOUR	FUNCTIONS	SCHEME
Contact Blocks Screw terminals.	PL004001	RED	0 1,5 6mm	1 2
	PL004002	GREEN	0 3,5 6mm	3 4

CHARACTERISTICS IEC/EN60947-5-1 // PL004001 AND PL004002

	:	
Rated insulation voltage Ui	V	690*
Rated impulse withstand voltage Uimp	kV	4*
Frequency	Hz	50/60*
Rated thermal current Ith	Α	16*
Rated thermal current Ithe	Α	10

RATED OPERATING CURF	RENT // PLOO	400	1 A	ND	PLO	040	002		
AC-15 alternate current	V	24	60	120	240	400	440	500	690
	Α	16*	12	8	6	4,5	3,5	1*	1
DC-13 continuous current	V	24	48	60	110	220			
	Α	2*	1,2	0,85	0,4	0,25	×		
Short Circuit characteristics	Α				100	0A*			
Fuse Rating gG	500 V				10	A*			
Contact insulation resistance	mΩ				<	25			
Switching mechanism			Slow	break	(dou	ble ga	ар со	ntact	S
Contact Duty		NC contact with positive opening ⑤							
Minimum tripping force					4	N			
Electrical life AC15/mil. cycles	mil. cycles		1/	/1,5 -	- 2A/I	0,5 -	3A/0	.25	

LILEGO CHAE	ACTEDICTICS //	AND PL004002
	/4\-7 - - - -	AIND PLUUHUUE

:		
Rated insulation voltage Ui	V	10A-600V ac // 2,5A-125V dc
Rated impulse withstand voltage Uimp	kV	A600-Q600

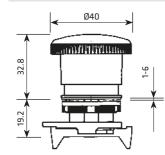
*IMQ Approval Values

PEGASUS EMERGENCY PUSH BUTTON



DESCRIPTION	CODE	COLOUR	MIN. PACK	WEIGHT
	Slow break		Quantity	grams
Push Button Mushroom operator Ø40 twist to release.	PPFN1R4N	RAL 3020	10	44
940 twist to release.			-	-

DIMENSIONAL DRAWINGS



www.giovenzana.com

NOTES NOTES

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UNITED STATES CANADA

ARGEN

LOGISTICS

Giovenzana International B.V. to support the market and his different necessity has created this organization that is always in process to cover territory in five different hubs.

SALES OFFICE

GIOVENZANA INTERNATIONAL B.V.

Budapest, Hungary - Office and Delivery

G.T.R. LLC

Moscow, Russian Federation - Office and Logistic Hub

GIOVENZANA CONTROLS INDIA Pvt. Ltd.

Mumbai, India - Office

GIOVENZANA DEUTSCHLAND

Hannover, Germany - Office

GIOVENZANA do Brasil

São Paulo, Brasil - Office and Logistic Hub

Branch

GIOVENZANA INTERNATIONAL B.V.

Dubai U.A.E. - Office and Logistic Hub for ME and FE included China, India, Oceania, Africa

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MADAGASCAR

MALAYSIA

INDONESIA PAPUA NEW GUINEA

PHILIPPINES

AUSTRALIA AUSTRALIA

NEW ZEALAND

Headquarter

GIOVENZANA INTERNATIONAL B.V.

Amsterdam, The Netherland - Industrial and Commercial

Manufacturers units

G.G.T. Srl

Milan, Italy - Historical Unit

G.G.Space Kft Budapest, Hungary

Engineering

Electra Engineering Srl Milan, Italy

Logistic warehouses

ITALY HUNGARY **RUSSIAN FEDERATION** DUBAI U.A.E. **BRASIL**