



GIOVENZANA
INTERNATIONAL B.V.



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FOOT SWITCHES
SINGLE & DOUBLE



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

Safety foot switches are mounted on machines and plants as enabling switches in cases where operation using the hands is not possible and an emergency-stop function in case of a hazardous situation is required.

Design and mode of operation

All safety foot switches are mounted with a shield to protect against unintentional actuation. When the foot pedal is actuated to as far as pressure point, the NO contact is closed. If, in case of danger, the pedal is actuated beyond the pressure point, then the positive break NC contact is opened and mechanically locked. Reset operation is carried out by means of a push button. During the reset operation, the switch does not move through the switching-on point.

The safety foot switches conform to protection class IP 65. All safety foot switches bear the CE mark according to the Machinery Directive.



GENERAL CHARACTERISTICS

Comply with		IEC/EN60947-5-1
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	A	10
Rated operating current Ie:		
AC-15 alternate current	V	24 60 120 240 400 440 500 690
	A	16 12 8 6 4,5 3,5 1 1
DC-13 continuous current	V	24 48 60 110 220
	A	2 1,2 0,85 0,4 0,25
Conditional short circuit withstand		1000A - 10A-500V class gG fuses
Contact impedance	m Ω	≤25
Contact type		Slow break double gap contacts
Positive opening		NC contact with positive opening ➔
Electric shock protection	IEC 536	Class II
Protection rating	IEC 529	IP65
Ambient temperature	°C	Operating -25 +70
	°C	Storage -30 +70
Cable entry		pre-broken hole 16,5 - M20 (with safety)





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

Colour:
 PANTONE 102C

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

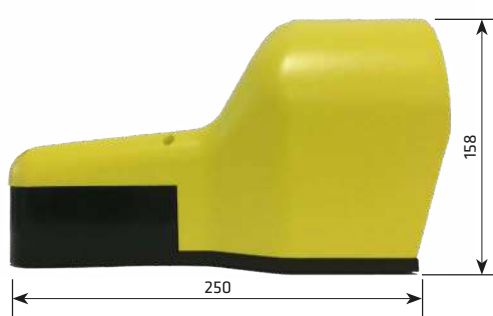
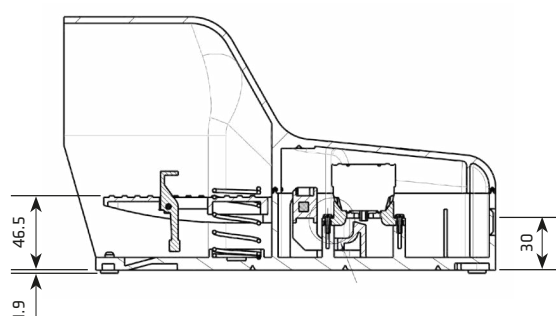
This product is also available in different colors:

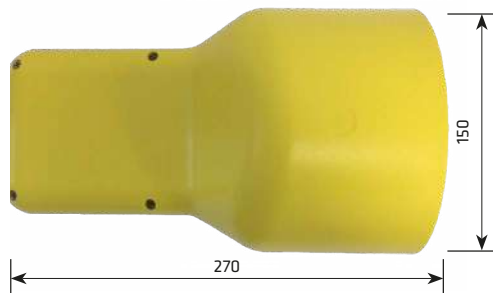
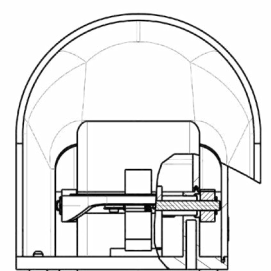
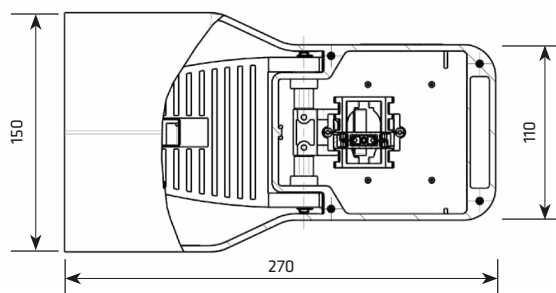
Colour:
 RAL 7035



Colour:
 RAL 5010









FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

FOOT SWITCHES SERIES | SINGLE 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

SINGLE FOOT SWITCHES

GENERAL CHARACTERISTICS

Application

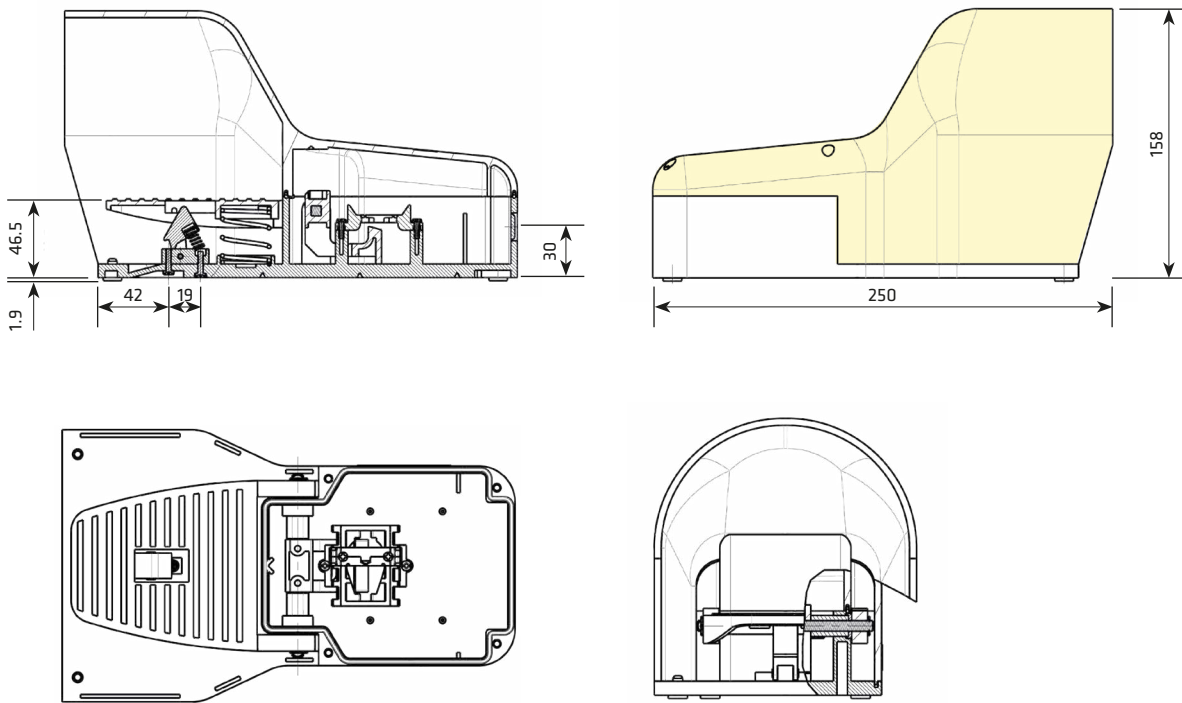
Foot switches are used to start and stop operations and production processes on machinery and plants, where actuation by hand is impossible. Depending on the environmental conditions and the mechanical duty, different versions of foot switches are available. Applications include use on packaging machines, in the storage and conveyor technology, as well as on textile machinery.

Design and mode of operation:

The foot switches are available in versions with multiple pedals. The switches are mounted with a shield to protect against unintentional actuation. All foot switches are equipped with slow or snap action contacts. Different versions are available with pressure point, potentiometer, Hall sensor and latching element. Foot rests, carrying handle and pedal covers are also available. The foot switches bear the CE mark according to the Low Voltage Directive.

Comply with		IEC/EN60947-5-1
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	A	10
Rated operating current Ie:		
AC-15 alternate current	V	24 60 120 240 400 440 500 690
	A	16 12 8 6 4,5 3,5 1 1
DC-13 continuous current	V	24 48 60 110 220
	A	2 1,2 0,85 0,4 0,25
Conditional short circuit withstand		1000A - 10A-500V class gG fuses
Contact impedance	m Ω	≤25
Contact type		Slow break double gap contacts
Positive opening		NC contact with positive opening
Electric shock protection	IEC 536	Class II
Protection rating	IEC 529	IP65
Ambient temperature	°C	Operating -25 +70
	°C	Storage -30 +70
Cable entry		pre-broken hole 16,5 - M20 (with safety)

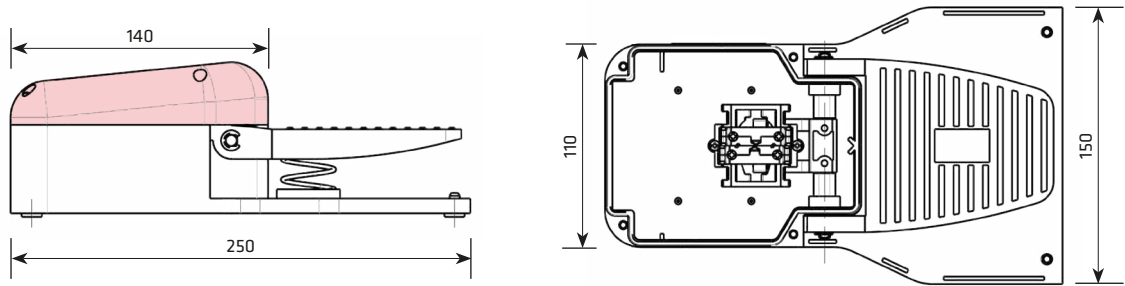
DIMENSIONAL DRAWINGS



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

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

DIMENSIONAL DRAWINGS



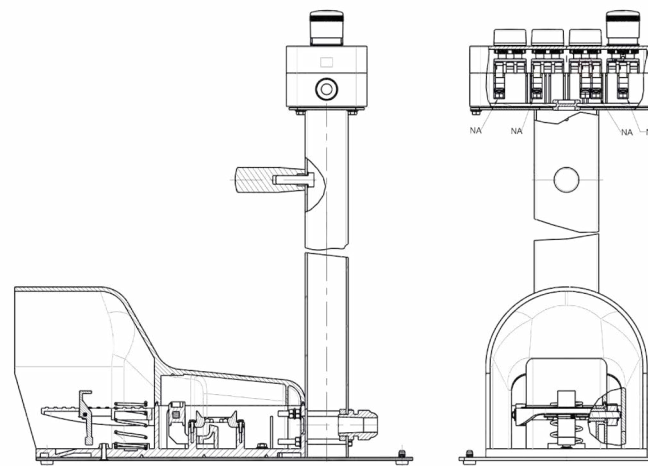
FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

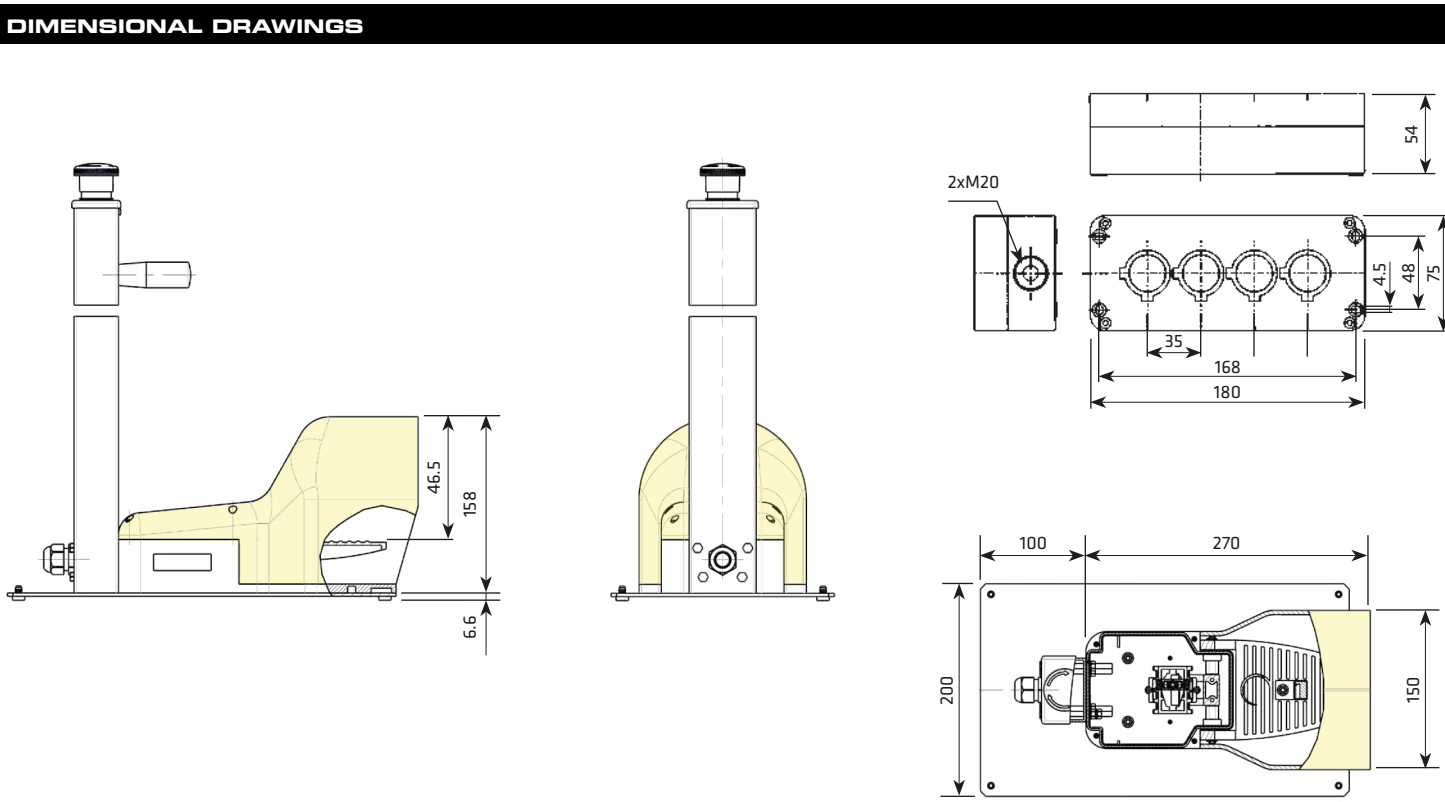
FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

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

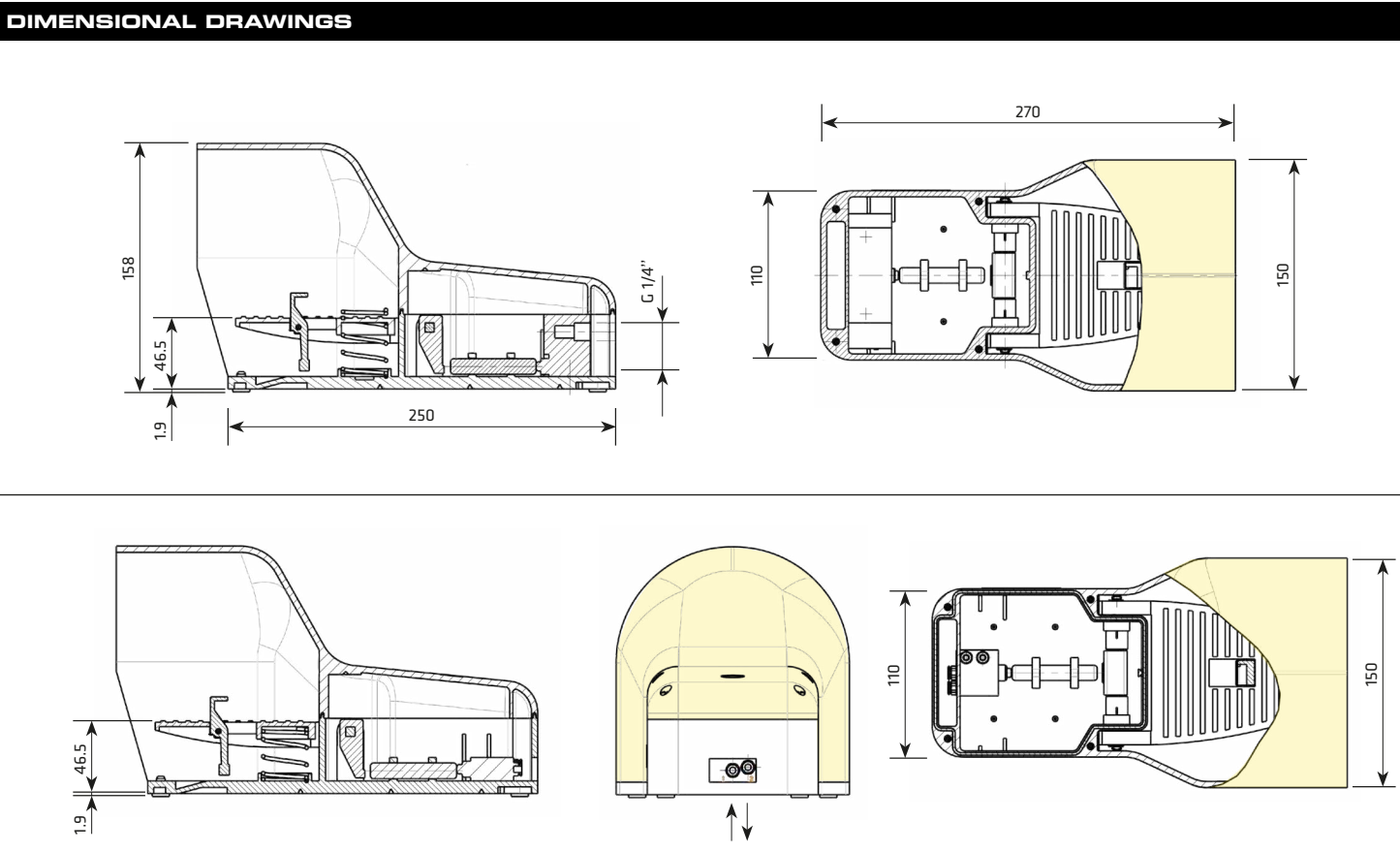
IP54

SINGLE FOOT SWITCHES	DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
	Foot switch with trigger mechanism and ENI ISO 13850 emergency stop.	Slow break		Quantity	gr.
	Colour:  PANTONE 102C	1NO	IP7007EM	1	3.900
		Two speeds 1NO + 1NO	IP7015EM	1	3.910
		ON REQUEST IP7026 with PQ01 station 4 holes with EN ISO 13850 emergency stop.			





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



Working pressure 2:10 bar.

FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

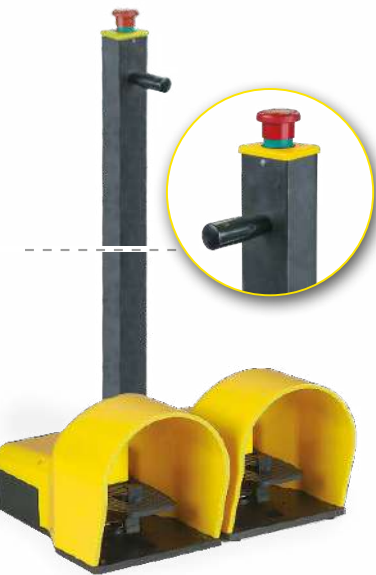
FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

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

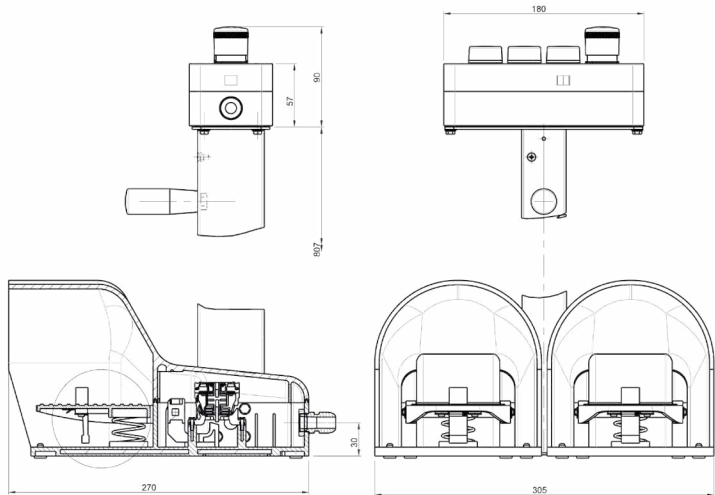
IP54

**DOUBLE FOOT SWITCHES
WITH EN 418
EMERGENCY STOP**

DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
Foot switch with trigger mechanism requiring positive action to allow pedal operation. Colour: ■ PANTONE 102C	Slow break		Quantity	gr.
	1NO + 1NO	IP7018EM	1	5.300
	2NO + 2NO	IP7019EM	1	5.300

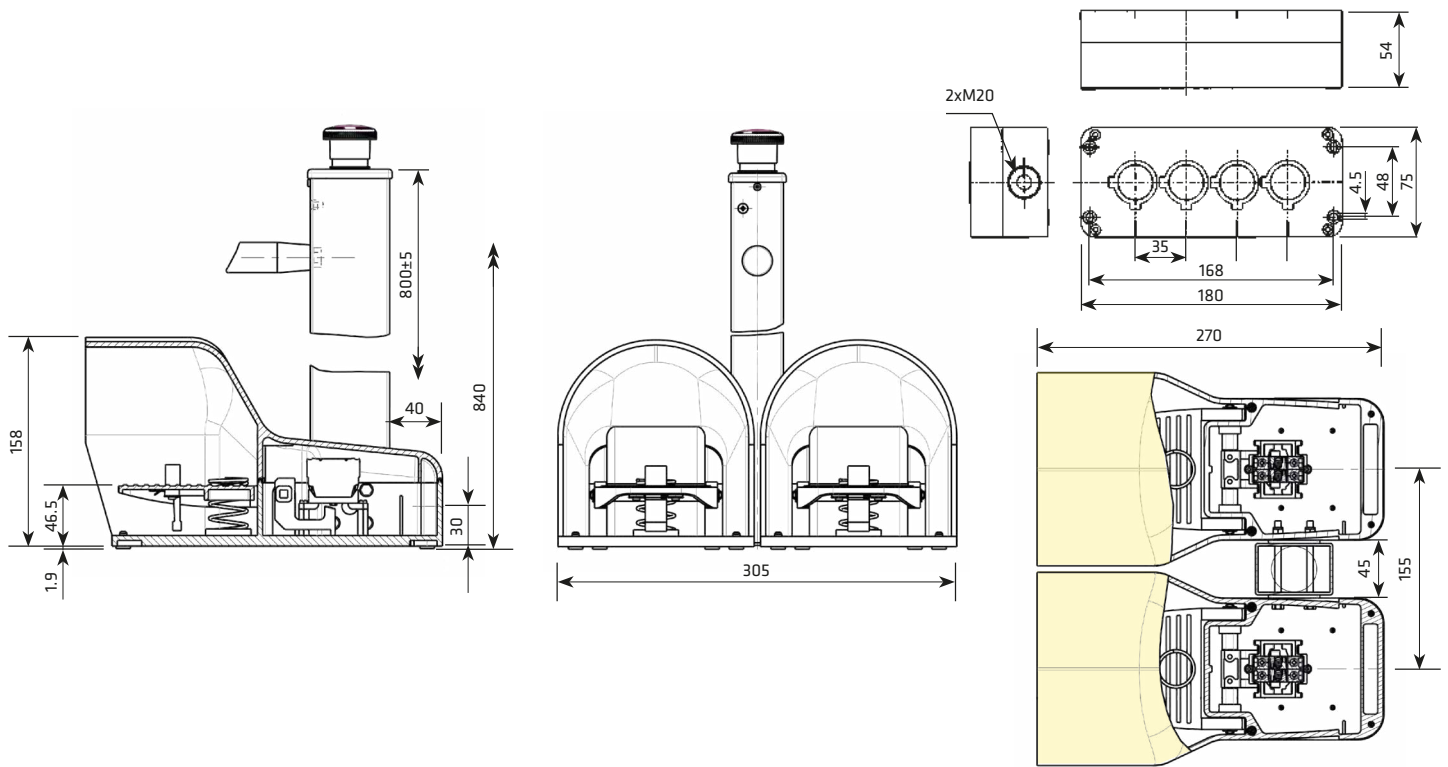


ON REQUEST



Available double foot switch IP7027 with PQ04 station 4 holes with EN ISO 13850 emergency stop.

DIMENSIONAL DRAWINGS

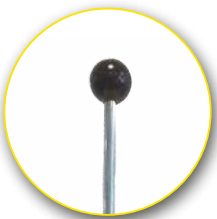


Double foot switches thermoplastic type with EN ISO 13850.

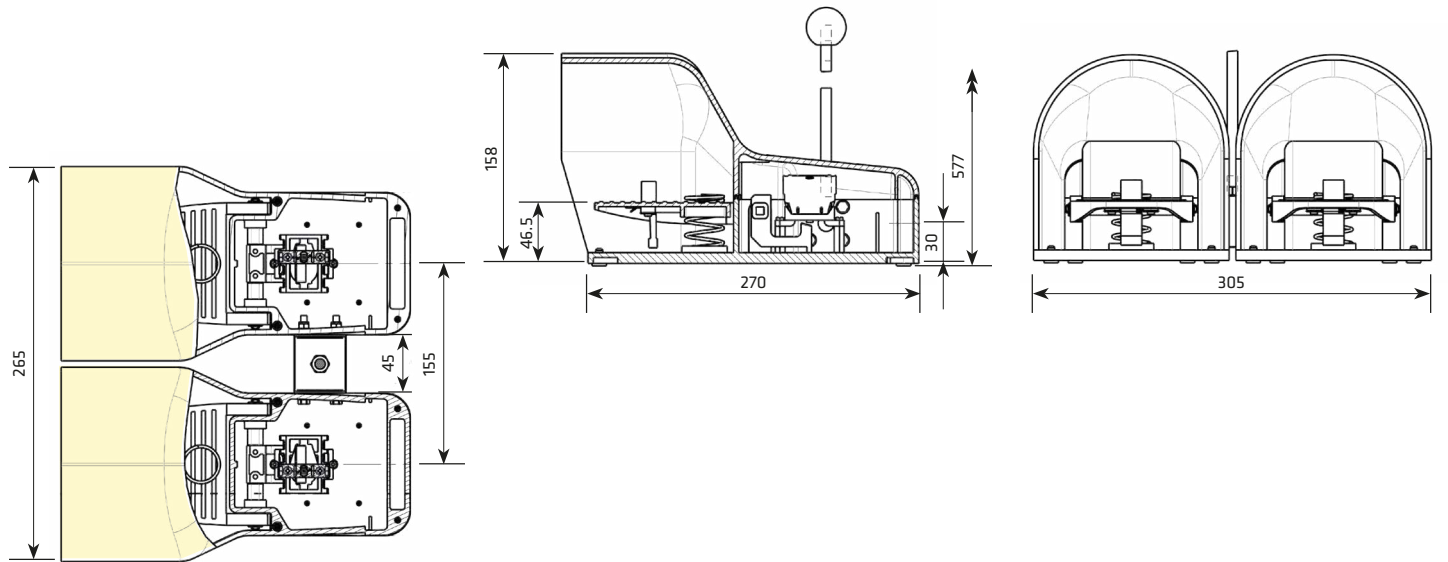
IP54

DOUBLE FOOT SWITCHES

DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
Foot switch with trigger mechanism requiring positive action to allow pedal operation. Colour: ■ PANTONE 102C	Slow break		Quantity	gr.
	1NO + 1NO	IP7018	1	3.100
	2NO + 2NO	IP7019	1	3.100



DIMENSIONAL DRAWINGS





FOOT SWITCHES SERIES | EQUIPMENT

NOTES

Contact blocks, Pegasus Emergency Push Button,
Potentiometers.

CONTACT BLOCKS



DESCRIPTION	CODE	COLOUR	FUNCTIONS	SCHEME
Contact Blocks Screw terminals.	PL004001	RED	0 1,5 6mm	NC 1 — 2
	PL004002	GREEN	0 3,5 6mm	NO 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	A	16*
Rated thermal current Ithe	A	16*

RATED OPERATING CURRENT // PL004001 AND PL004002

AC-15 alternate current	V	24	60	120	240	400	440	500	690
	A	16*	12	8	6	4	3,5	3	1
DC-13 continuous current	V	24	48	60	110	220			
	A	2*	1,2	0,85	0,4	0,25*			
Short Circuit characteristics	A	1000A*							
Fuse Rating gG	500 V	10A*							
Contact insulation resistance	m Ω	<25							
Switching mechanism		Slow break double gap contacts							
Contact Duty		NC contact with positive opening ➡							
Minimum tripping force		4N							
Electrical life AC15/mil. cycles	mil. cycles	1A/1,5 - 2A/0,5 - 3A/0,25							

UL508 CHARACTERISTICS // PL004001 AND PL004002

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

*IMQ Values

PEGASUS EMERGENCY
PUSH BUTTON



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

DIMENSIONAL DRAWINGS

