

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

GENERAL CHARACTERISTICS

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.

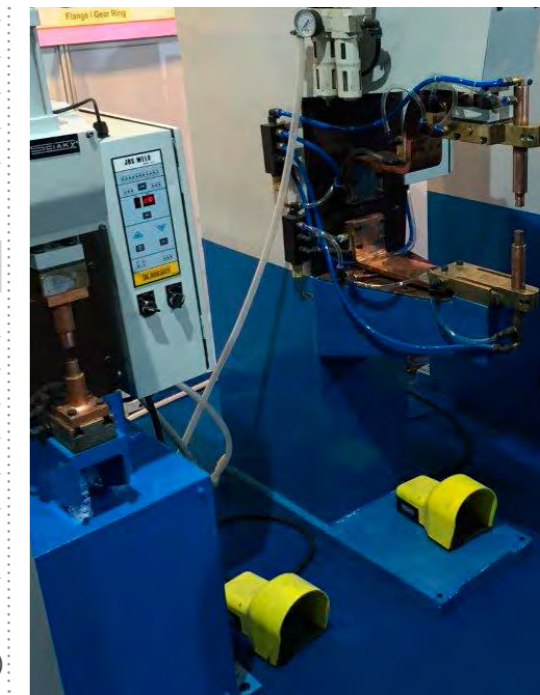
Design and mode of operation

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.



Comply with		IEC/EN60947-5-1	
Rated insulation voltage U_i	V	690 (pollution class 3)	
Rated impulse withstand voltage U_{imp}	kV	4	
Operating frequency	Hz	50/60	
Rated thermal current I_{th}	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 \Rightarrow	
Electric shock protection	IEC 536	Class II	
Protection rating	IEC 529	IP65	
Ambient temperature	$^{\circ}C$	Operating -25 +70	
	$^{\circ}C$	Storage -30 +70	
Cable entry		pre-broken hole 16,5 - M20 (with safety)	

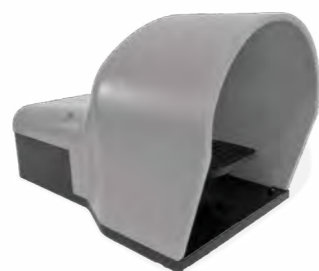


PRODUCT

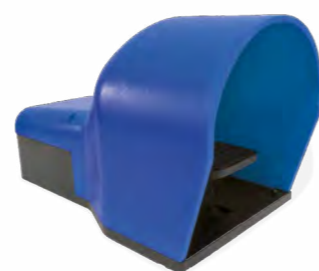
DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
Foot switch with trigger mechanism requiring positive action to allow pedal operation. Colour: PANTONE 102C	Slow break		Quantity	gr.
	1NO	IP7007	1	1.400
	2NO	IP7008	1	1.400
	1NO+1NC	IP7007I	1	1.400
	1NO	IP7009	1	1.400
	Two speeds 1NO+1NO	IP7015	1	1.400

This product is also available in different colors:

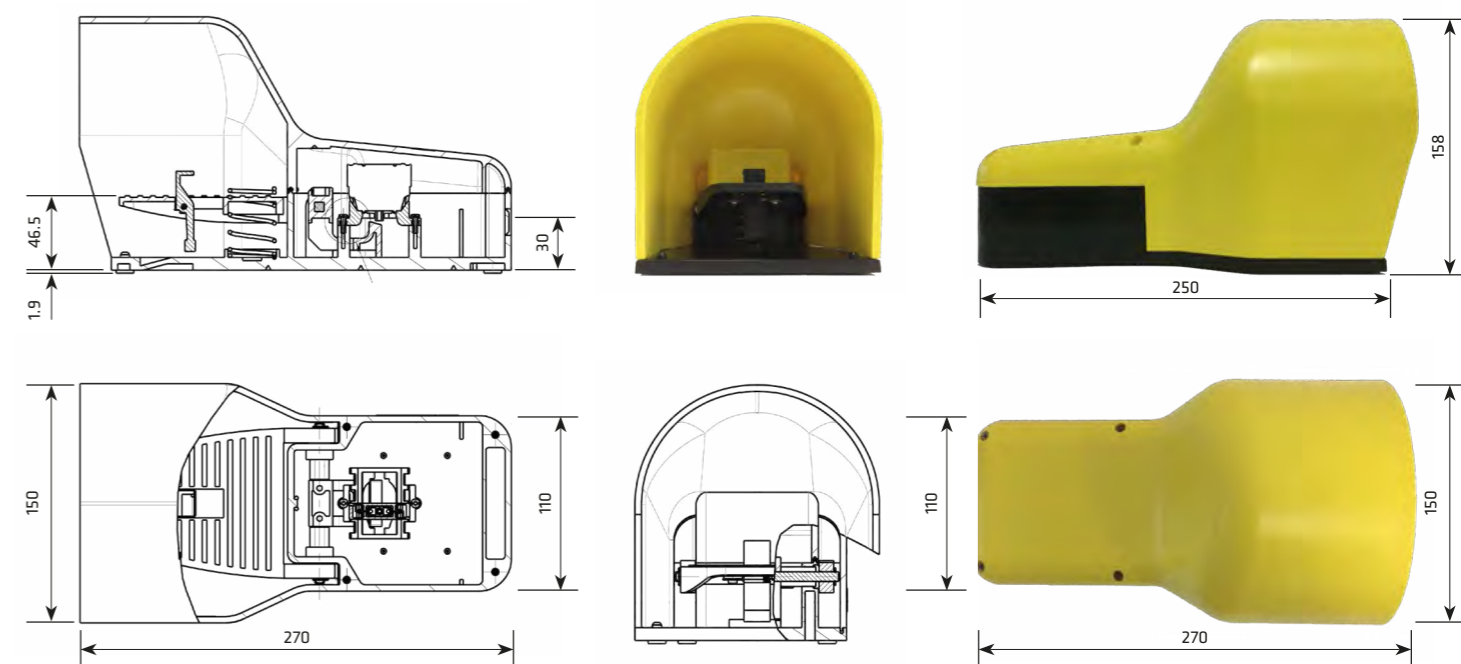
Colour:
 RAL 7035



Colour:
 RAL 5010



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.

IP65 □

SINGLE FOOT SWITCHES
GENERAL CHARACTERISTICS
Application

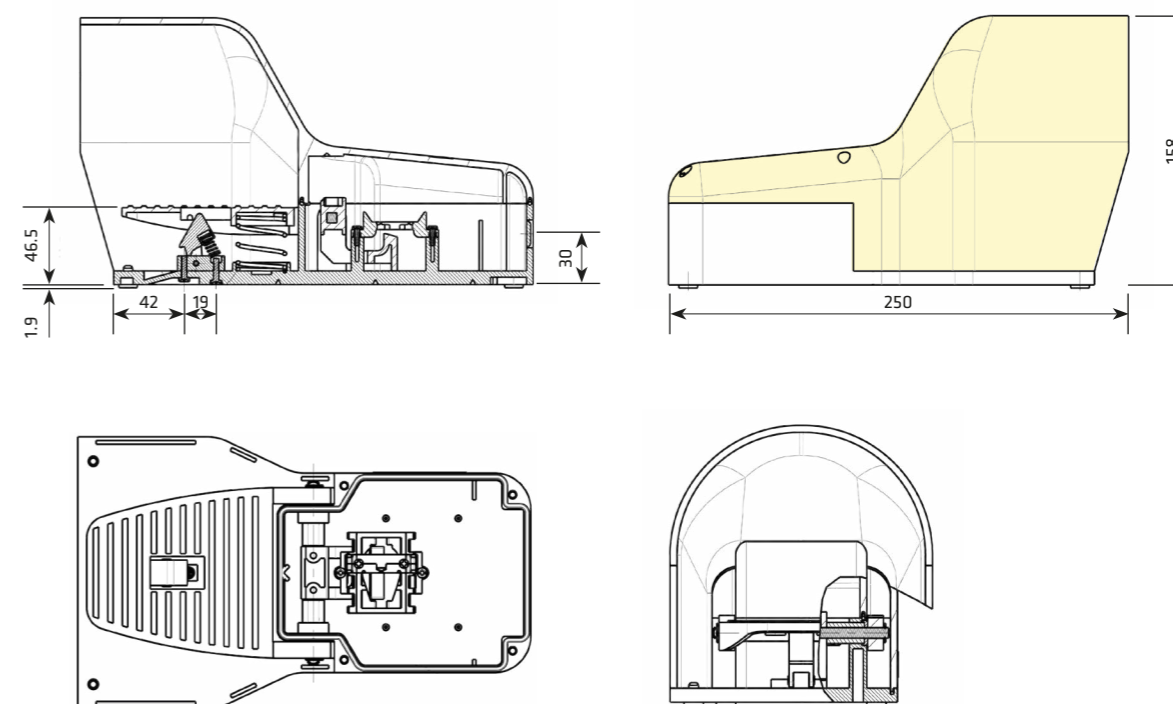
Foot switches are used to start and stop operations and production processes on machinery and plants, where actuation by hand is impossible. Depending on the environmental conditions and the mechanical duty, different versions of foot switches are available. Applications include use on packaging machines,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

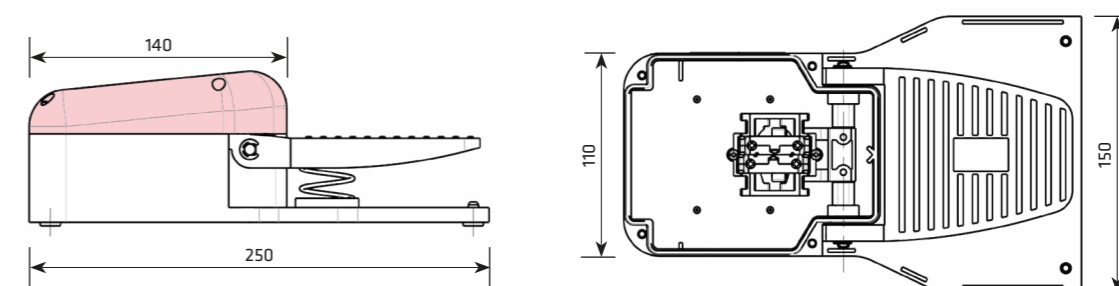
The foot switches bear the CE mark according to the Low Voltage Directive.

Comply with		IEC/EN60947-5-1
Rated insulation voltage U_i	V	690 (pollution class 3)
Rated impulse withstand voltage U_{imp}	kV	4
Operating frequency	Hz	50/60
Rated thermal current I_{th}	A	10
Rated operating current I_e :		
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 1NO	IP7011	Quantity 1	gr. 1.400
	Colour: ■ PANTONE 102C				

PRODUCT	DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
	Foot switch without rest position trigger mechanism.	Slow break 1NO+1NC	IP7006I	Quantity 1	gr. 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


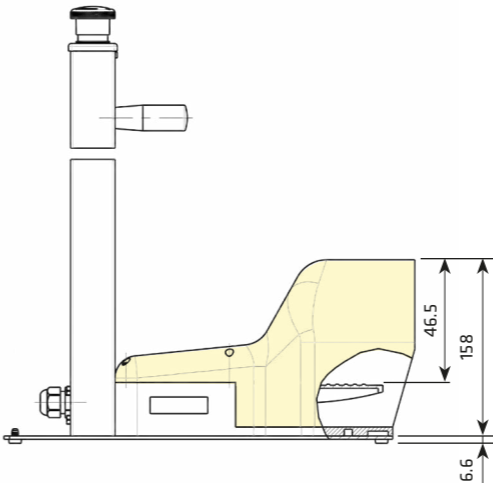
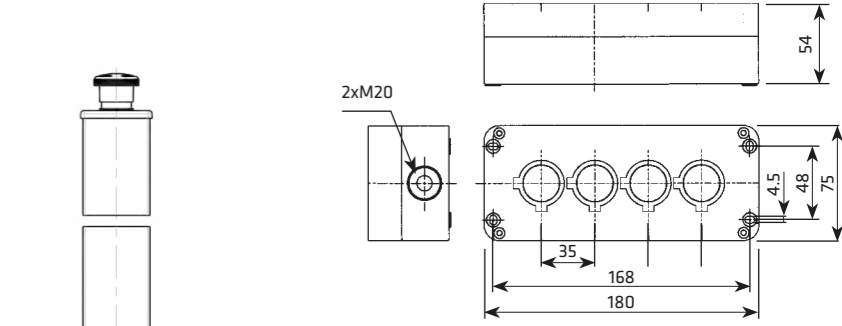
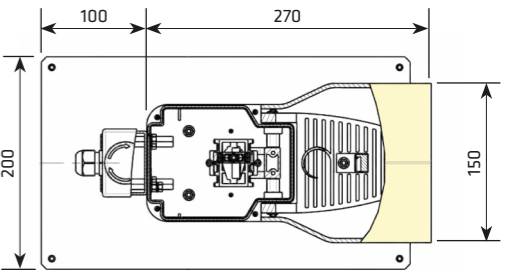
FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES





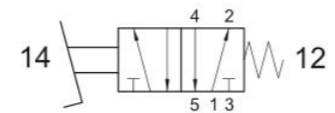


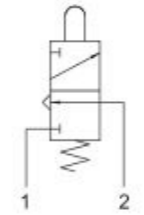
FOOT SWITCHES SERIES | SINGLE FOOT SWITCHES SERIES

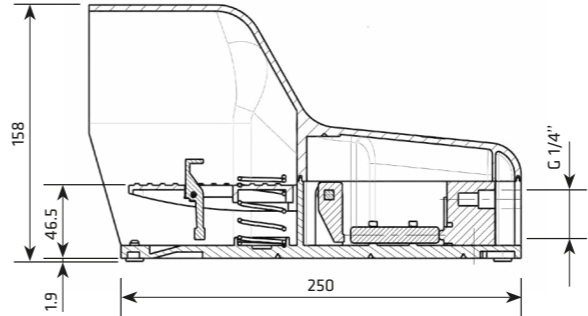
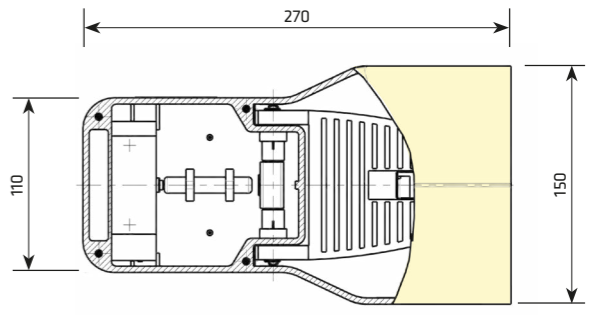
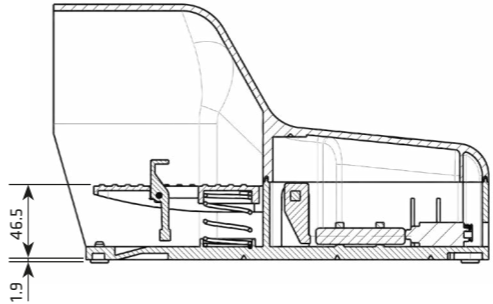
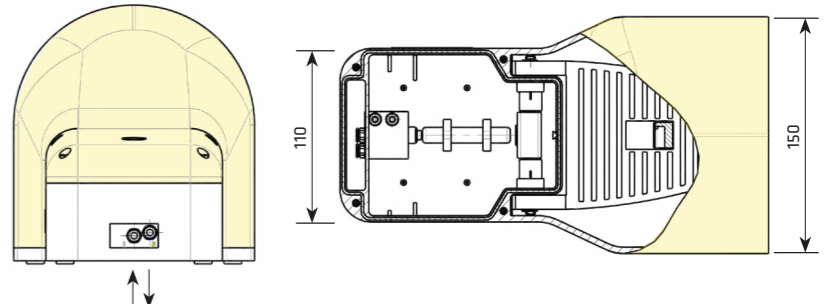
Single or double foot switches thermoplastic type with the EN ISO 13850 emergency stop option.
Available with electric or pneumatic controls.

IP54

SINGLE FOOT SWITCHES	DESCRIPTION	CONTACTS	CODE	MIN. PACK	WEIGHT
	Foot switch with trigger mechanism and ENI ISO 13850 emergency stop. Colour:  PANTONE 102C	Slow break		Quantity	gr.
		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.				

DIMENSIONAL DRAWINGS	
	
	

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
	Foot switch Pneumatic with trigger mechanism. Colour:  PANTONE 102C				
		With 3/2" ways valve	IP7032	1	1.600

DIMENSIONAL DRAWINGS	
	
	

Working pressure 2:10 bar.

FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

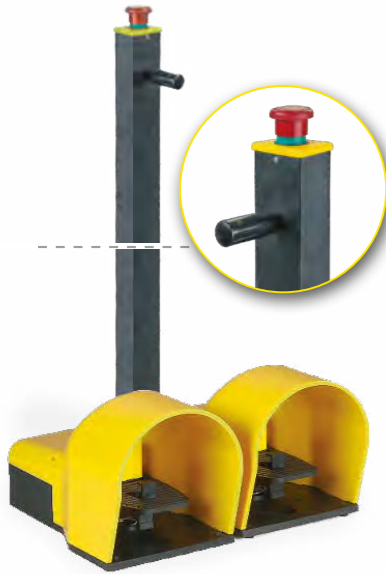
FOOT SWITCHES SERIES | DOUBLE FOOT SWITCHES SERIES

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

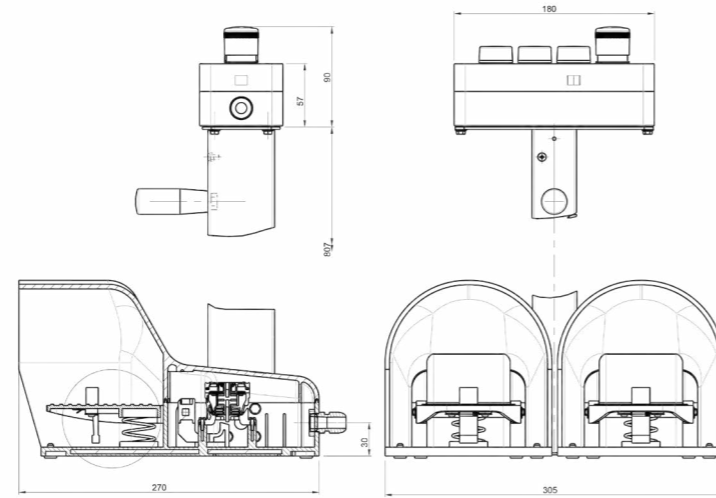
IP54

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

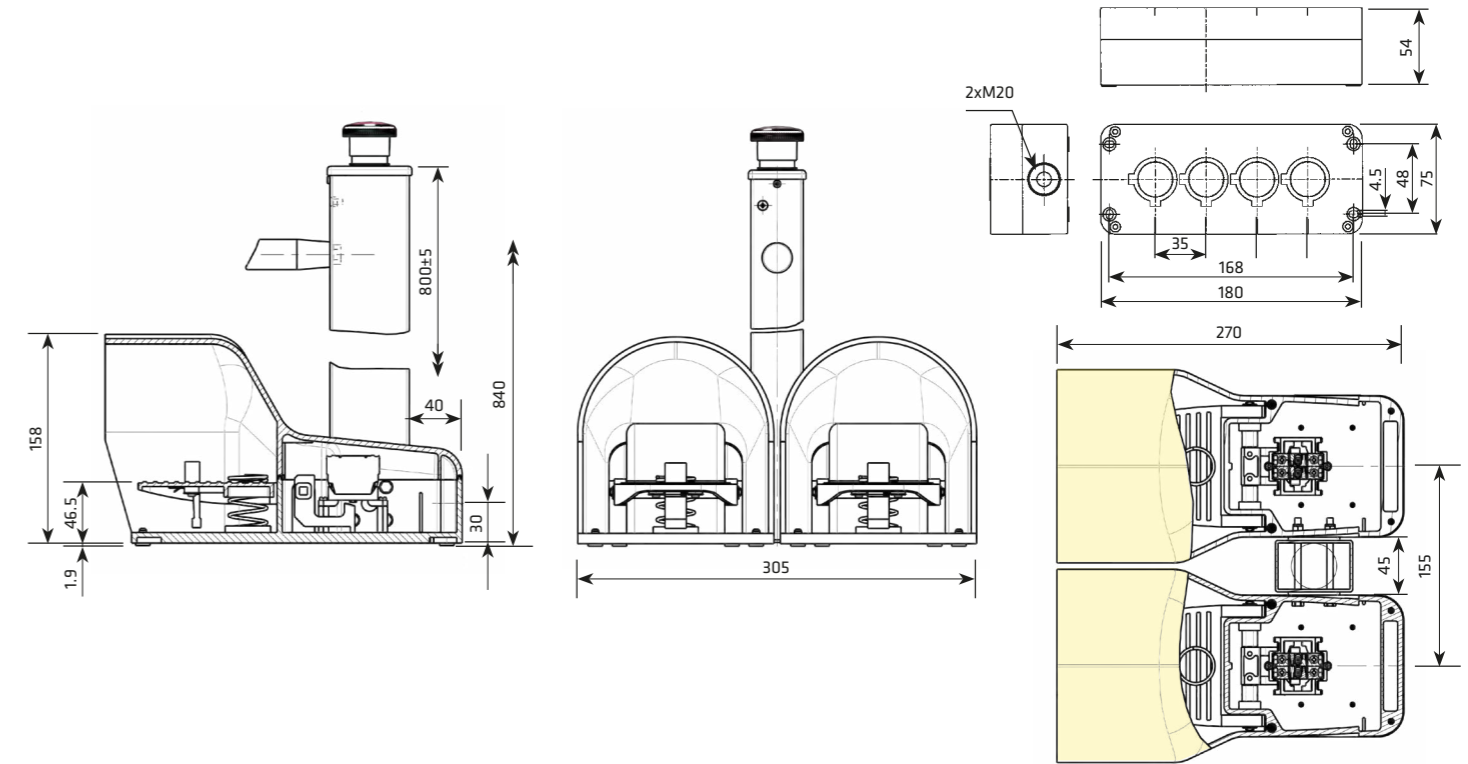


ON REQUEST



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

