

Modular switch block which clip onto Emergency Stop mushroom headed pushbutton operators. Up to 2 N/C contacts can be utilised.

These units are only supplied as a Pushbutton Assembly (ES1) plus Switch Block Assembly (switch blocks P11 or P12) with an End Cap (EC), if required.

Features

- 40mm diameter red mushroom-headed pushbutton operator conforming to UL1054/EN60947.
- Press pushbutton for maintained contact operation.
- Twist pushbutton clockwise to release and reset to ON.
- Switches are highly reliable positive break type.
- Switch blocks carry 1 or 2 N/C contacts.
- Panel hole 22 mm diameter.
- Operator and switch block must be supplied together.

Standard Specification

Pushbuttons

Red Emergency Stop mushroom-headed pushbutton operator assembly.

Panel holes

22.0 - 22.5mm diameter

Function

Momentary only
Push for Emergency Stop
Twist in clockwise direction to reset and return to ON

Switch blocks

Current rating: 12A, 380Vac, IEC
12A, 250Vac RU
AC15 inductive load - 2.5A
25mA minimum, 5Vac
Contacts: material - silver
gap - 1.5mm.
Initial resistance - 10 mohms max
at 1A, 4Vdc

Insulation resistance: 50 Mohm min
Dielectric strength: 2kV between open contacts
4kV live to accessible

Electrical life: 50,000 cycles min.
Insulation: Class 2
Terminals: M3 screws - wire 2 x 0.75 mm²
Minimum mechanical life: 1M cycles
Operating temperature: -20°C to +85°C
Operating humidity: up to 95% RH
Approvals: VDE, RU, CRU,
All units are CE marked

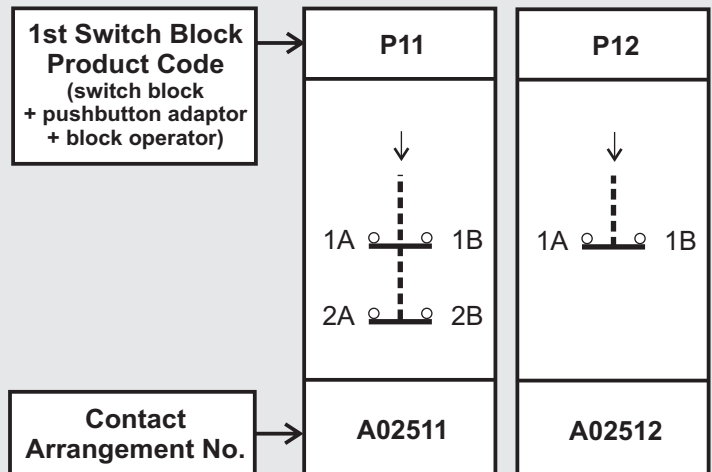
Optional Extras

- End Cap to cover switch block terminals (EC)
- Emergency Stop self-adhesive label (ESL)
- 90mm diameter
- black "Emergency Stop" text on yellow background



Emergency Stop Pushbutton Assembly
consisting:
1- Emergency Stop operator
1- Switch block
1- End cap
Product Code: ES1-P11/EC

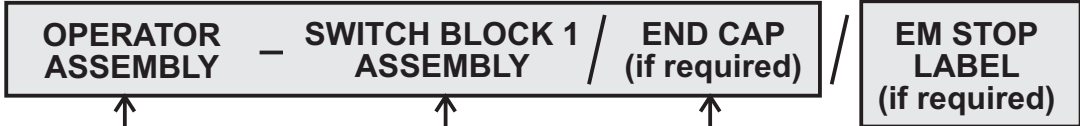
Switching Arrangements



Finding the correct Product Code

Construct the product code by inserting the code parts as shown. Where options are not required leave blank.

Product Code



OPERATOR ASSEMBLY			
Panel Hole diameter	Pushbutton		
	Colour	Diameter	
22.0 - 22.5mm	Red Mushroom actuator	40mm	ES1

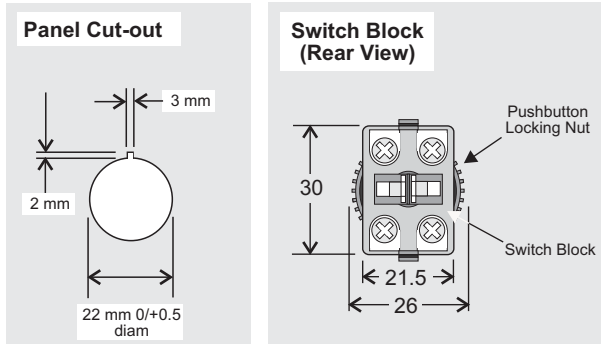
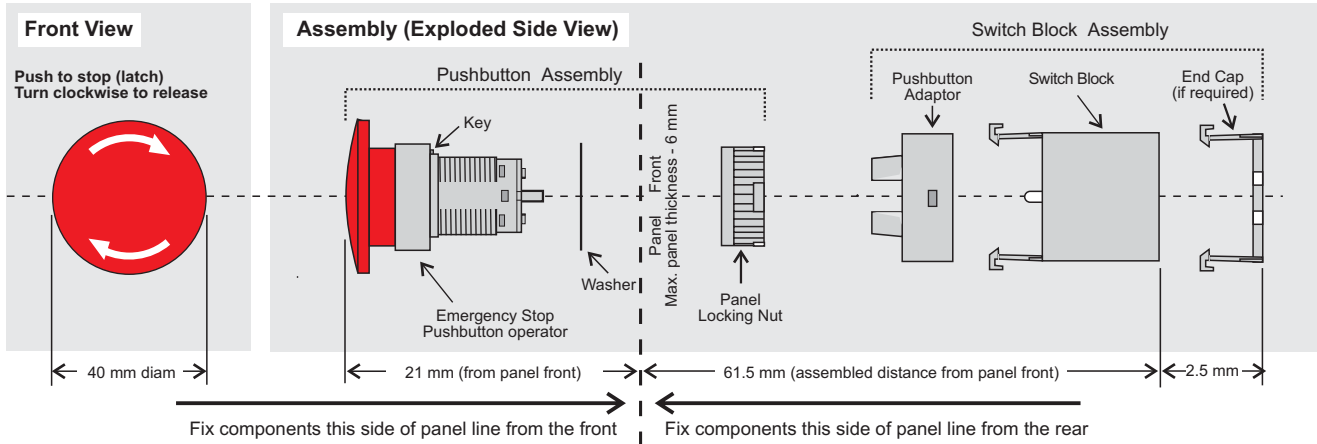
SWITCH BLOCK ASSEMBLY		
Contacts	1 N/C	P11
	2 N/C	P12
Option 1	End Cap (Terminal Cover)	EC
	End Cap not required	<input type="checkbox"/>

Option 2	90mm Emergency Stop Label	ESL
	Emergency Stop Label not required	<input type="checkbox"/>

Example 1 Product Code: ES1-P11
Emergency Stop switch with 1 N/C contacts.
Panel hole size: 22.5mm.

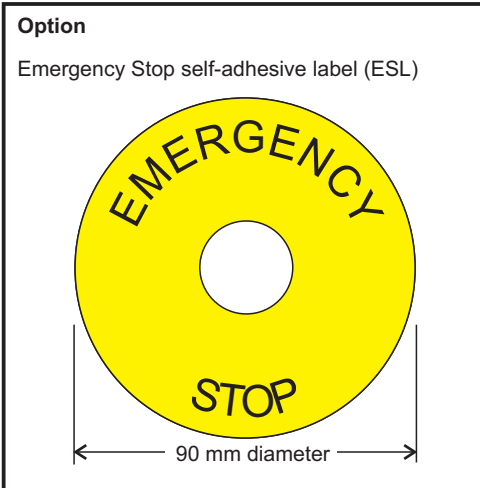
Example 2 Product Code: ES1-P12/EC/ESL
Emergency Stop switch with 2 N/C contacts, terminal end cap and 90mm diameter self-adhesive EMERGENCY STOP label.

Dimensions, Weights and Assembly Details



- Mounting Assembly**
1. Drill/punch hole in panel as shown above.
 2. Assemble front operator through hole and tighten nut to a maximum of 0.8Nm.
 3. Wire chosen switch block and snap onto front operator.
 4. Snap on end cap onto switch block, if required.

Removing Switch Block
Lever out latches using a small screwdriver taking care not to overbend and pull off the block from the end of the operator.



Weights	
Product Code	gms
ES1	21
P11	26
P12	21
EC	2

The general dimensions shown on this sheet have tolerances of +/- 0.3 mm. Dimensions, specifications and data shown are subject to change without notice.