

# Foot Switches



**APS1211-V0**



**APD1231-V0**



**APS1151-V0**

## Applications

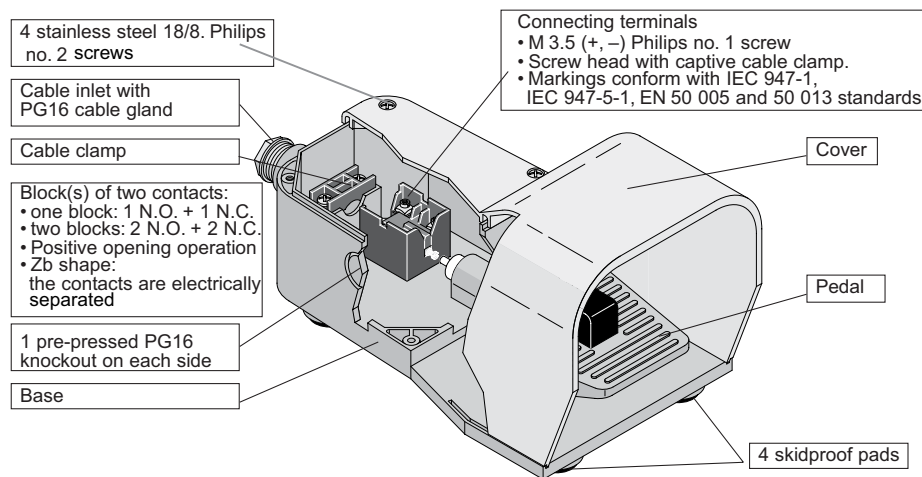
Choose these switches for foot switch-operated machines such as shearing machines, spinning machines, spinning lathes, machine tools, wrapping machines, riveting machines, and riveting presses.

AutomationDirect stocks foot switches in these operational formats:

- Free movement (momentary):  
Contact position follows pedal movement; actuated when the pedal is pushed down, released when pedal is in state of rest.
- Foot switch locked in neutral position (safety anti-trip momentary):  
Same operation as above, after unlocking the pedal with the foot.
- Foot switch latched in low position (maintained):  
Same operation as free movement, except that a state of rest is obtained only after pedal is unlatched.

## Description

- Plastic Unit Material
- Base, cover and pedal of shock-resistant ABS plastic material
- Aluminum Unit Materials Base and pedal of shock-resistant ABS plastic material; cover of die-cast aluminum
- Double switches include a 16" carrying rod



# Foot Switches

All foot switches have heavy duty ABS plastic bases.

## ABS Plastic Foot Switch Selection

Part Number	Cover Color	Price	Drawing Link	Description
<a href="#">APS1211-V0</a>	Yellow	\$44.50	<a href="#">PDF</a>	Single, ABS plastic, safety actuating lever, 1 N.O. and 1 N.C. snap action contacts
<a href="#">APS1213-V0</a>	Yellow	\$50.00	<a href="#">PDF</a>	Single, ABS plastic, safety actuating lever, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1151-V0</a>	Half Red	\$44.50	<a href="#">PDF</a>	Single, ABS plastic, free-moving mounting, 1 N.O. and 1 N.C. snap action contacts
<a href="#">APD1231-V0</a>	One Yellow One Gray	\$97.00	<a href="#">PDF</a>	Double, ABS plastic, safety actuating lever, 1 N.O. and 1 N.C. snap action contacts for each switch



[APS1151-V0](#)

[APS1211-V0](#)

## Die-cast Aluminum Foot Switch Selection

Part Number	Cover Color	Price	Drawing Link	Description
<a href="#">APS1113-V0-M</a>	Yellow	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1114-V0-M</a>	Yellow	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1123-V0-M</a>	Gray	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1124-V0-M</a>	Gray	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1143-V0-M</a>	Red	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1144-V0-M</a>	Red	\$66.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1213-V0-M</a>	Yellow	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1214-V0-M</a>	Yellow	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1223-V0-M</a>	Gray	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1224-V0-M</a>	Gray	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1243-V0-M</a>	Red	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1244-V0-M</a>	Red	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, safety anti-trip momentary actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1313-V0-M</a>	Yellow	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1314-V0-M</a>	Yellow	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1323-V0-M</a>	Gray	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1324-V0-M</a>	Gray	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APS1343-V0-M</a>	Red	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. snap action contacts
<a href="#">APS1344-V0-M</a>	Red	\$74.00	<a href="#">PDF</a>	Single, die-cast aluminum, free moving maintained actuating pedal, 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1113-V0-M</a>	Yellow	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1114-V0-M</a>	Yellow	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1123-V0-M</a>	Gray	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1124-V0-M</a>	Gray	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1133-V0-M</a>	One Yellow One Gray	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1134-V0-M</a>	One Yellow One Gray	\$156.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1213-V0-M</a>	Yellow	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1214-V0-M</a>	Yellow	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1223-V0-M</a>	Gray	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1224-V0-M</a>	Gray	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts
<a href="#">APD1233-V0-M</a>	One Yellow One Gray	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
<a href="#">APD1234-V0-M</a>	One Yellow One Gray	\$161.00	<a href="#">PDF</a>	Double, die-cast aluminum, 2 safety anti-trip momentary actuating pedals, each with 2 N.O. and 2 N.C. slow action contacts



[APS1143-V0-M](#)

[APS1113-V0-M](#)



[APS1243-V0-M](#)

[APS1213-V0-M](#)



[APD1113-V0-M](#)

[APD1123-V0-M](#)



[APD1213-V0-M](#)

[APD1223-V0-M](#)



# IEC Limit Switches Accessories

## Replacement Contact Blocks

Easily-installed replacement contact blocks fit both heavy-duty IEC and double-insulated limit switches, including mini-DIN models.

*Note: Limit switches come standard with snap-action contacts ([AGZ11-SWITCH](#).) To replace contact block, remove limit switch cover. Carefully remove old contact block and install replacement. Contact blocks are supplied with an adapter to fit into larger ABM and ABP switches. Remove this adapter when installing contacts in mini-DIN AAP models.*



Replacement Contact Blocks			
Part Number	Price	Contact Type	Action
<a href="#">AGZ11-SWITCH</a>	\$6.25	Snap action (1) N.O. and (1) N.C.	3ms change-over time
<a href="#">AGZ02-SWITCH</a>	\$6.00	Snap action (2) N.C.	3ms change-over time
<a href="#">AGX11-SWITCH</a>	\$6.00	Slow action (1) N.O. and (1) N.C.	Break before make
<a href="#">AGY11-SWITCH</a>	\$6.00	Slow action overlay (1) N.O. and (1) N.C.	Make before break
<a href="#">AGW02-SWITCH</a>	\$6.50	Slow action delay (2) N.C.	Simultaneous
<a href="#">AGW20-SWITCH</a>	\$4.50	Slow action overlay (2) N.O.	Simultaneous

## Additional Lever Arms, Spare Parts and Accessories for ABM Series

Additional Lever Arms/Spare Parts and Accessories			
Part Number	Price	Drawing Link	Actuator Type
<a href="#">AGE42-LEVER</a>	\$6.00	<a href="#">PDF</a>	Lever with stainless steel roller for E42 models (replacement lever)
<a href="#">AGE44-LEVER</a>	\$6.00	N/A	Lever with 50mm diameter rubber roller (fits E42 models)
<a href="#">AGE52-LEVER</a>	\$7.25	<a href="#">PDF</a>	Lever with stainless steel roller for E52 models (replacement lever)
<a href="#">AGE54-LEVER</a>	\$7.25	<a href="#">PDF</a>	Lever with 50mm diameter rubber roller (fits E52 models)

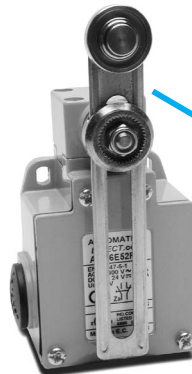
**Note:** See the Bar Charts page of this section for more information.



### Replacement actuator levers for heavy-duty IEC models

Easily-replaceable actuators for E42 and E52 model limit switches.

**Note:** These models have an E42 or E52 in the part number, for example, [ABM1E42Z11](#).



### AGE52-LEVER

(Replacement lever shown installed on [ABM5E52Z11](#) limit switch)

### AGE44-LEVER



### AGE54-LEVER

