

# molex Pendant Switches

## Overview

Molex pendant switches with quick connectors are designed for demanding conditions where reliable ON/OFF actuation is essential, providing a flexible means to control equipment during production, material handling, changeovers, setup, inspection, cleaning and troubleshooting.

## Features

- Switch cover available in nitrile/PVC rubber or silicone rubber
- Nitrile/PVC rubber is uniquely suited to withstand chemical abuse and exposure in the petrochemical environment.
- Silicone rubber/PVC repels and inhibits bacterial growth and is ideal for any indoor or outdoor wet location, such as in food and beverage processing.

**55501****55501S**

Pendant Switches								
Part Number	Price	Switch Type	Contact	Action	Connector	Color	Housing Material	Drawing Link
<a href="#">55501</a>	\$59d3:	Momentary	(1) N.O.	Snap Action	7/8in - 16 UN2 2-pin male	Yellow	nitrile rubber/PVC	<a href="#">PDF</a>
<a href="#">55502</a>	\$59d4:	Momentary	(1) N.C.	Snap Action	7/8in - 16 UN2 2-pin male	Yellow	nitrile rubber/PVC	<a href="#">PDF</a>
<a href="#">55503</a>	\$59d5:	Momentary	(1) N.O. / (1) N.C.	Snap Action	7/8in - 16 UN2 3-pin male	Yellow	nitrile rubber/PVC	<a href="#">PDF</a>
<a href="#">55504</a>	\$59d6:	Momentary	(1) N.O.	Snap Action	7/8in - 16 UN2 3-pin male	Yellow	nitrile rubber/PVC	<a href="#">PDF</a>
<a href="#">55501S</a>	\$59d7:	Momentary	(1) N.O.	Snap Action	7/8in - 16 UN2 2-pin male	Yellow	silicone rubber/PVC	<a href="#">PDF</a>
<a href="#">55502S</a>	\$59d0:	Momentary	(1) N.C.	Snap Action	7/8in - 16 UN2 2-pin male	Yellow	silicone rubber/PVC	<a href="#">PDF</a>
<a href="#">55503S</a>	\$59d1:	Momentary	(1) N.O. / (1) N.C.	Snap Action	7/8in - 16 UN2 3-pin male	Yellow	silicone rubber/PVC	<a href="#">PDF</a>
<a href="#">55504S</a>	\$59d2:	Momentary	(1) N.O.	Snap Action	7/8in - 16 UN2 3-pin male	Yellow	silicone rubber/PVC	<a href="#">PDF</a>

Pendant Switch Specifications		
<b>Electrical Specifications</b>	10A (AC), 125/250 VAC, ½ HP	
<b>Wire Conductor Size</b>	16 AWG (1.5 mm²)	
<b>Environmental Rating</b>	NEMA Type 3R rainproof ; IP24 wet-locations	
<b>Operating Temperature Range</b>	-20 to 85°C [-4 to 185°F]	
<b>Operating Force</b>	0.75 N to 1.2 N	
<b>Permissible Operating Speed</b>	0.1 mm to 1 m/s max.	
<b>Permissible Operating Frequency</b>	Mechanical: 600 operations per minute (max.)	Electrical: 60 operations per minute
<b>Operating Life (Electrical Life at Rated Load 85°C)</b>	6000 hours	
<b>Vibration Resistance (Malfunction)</b>	10 to 55Hz, 1.5 mm double amplitude	
<b>Shock Resistance</b>	Durability: 1000 m/s² (approx. 100G) max.	Malfunction: 200 m/s² (approx. 20G) max.
<b>Weight</b>	100g / 0.22 lbs.	
<b>Agency Approval</b>	cULus LISTED [ALL models]; CSA (LR44136) [nitrile rubber/PVC models only]	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

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## Wiring Diagrams

