

SINGLE PLUNGER

PUSH BUTTON SWITCHES



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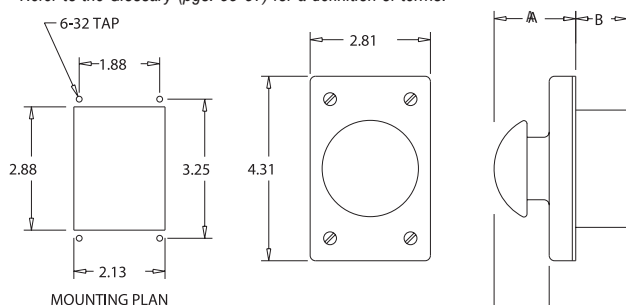
2.25 inch Metal Mushroom Plunger



01371-012

For accessories see pages 39 thru 43.

Refer to the Glossary (pgs. 66-67) for a definition of terms.



Catalog No.	A	B	C	Catalog No.	A	B	C
01307-012	2.59"	0.96"	1.89"	02761-002	2.00"	1.13"	1.30"
01371-012	1.96"	0.96"	1.26"	02761-003	2.00"	1.13"	1.30"
01371-112	1.96"	0.96"	1.26"	02761-004	2.00"	1.13"	1.30"
01508-012	1.84"	0.91"	1.14"	02911-001	2.00"	0.96"	1.31"
02049-001	2.59"	0.96"	1.89"	02911-002	2.01"	0.96"	1.31"
02049-002	2.59"	0.96"	1.89"	02911-004	2.01"	0.96"	1.31"
02761-001	2.00"	1.13"	1.30"	02911-102	2.01"	0.96"	1.31"
				02912-001	1.84"	0.91"	1.14"
				02919-012	2.00"	1.13"	1.30"

Environmental

Temperature Range

Operating: +32°F to +131°F (0°C to +55°C)

Storage: -40°F to +185°F (-40°C to +85°C)

Note: Operating temperatures at 0°C are based on the absence of freezing moisture and liquids.

Features/Applications

The following switches are hand operated, control circuit devices, rated 'Heavy Duty' normally for use with electromagnetic equipment. The body, painted with a dry powder paint, is made from die-cast zinc. The plunger heads are powder painted or chrome plated zinc die-cast. Styles 01307 and 02049 have an additional internal diaphragm for added protection. Each captive terminal will accept (2) #14 AWG stranded wires and the contacts are gold plated to eliminate high resistance tarnishing. Each switch is supplied with mounting hardware and a solid neoprene rubber gasket which provides an oil tight seal upon installation. The mechanical life of these devices is 1,000,000 operations. These switches can be found on a variety of machines such as punch presses, press brakes and spot-welding equipment as "RUN", "START" or "STOP" buttons. The "Positive Break" styles comply with all standards for 'emergency stop' applications. The rugged construction and long term reliability make these switches extremely well suited to function within various industrial / commercial environments.

Electrical Ratings

"HEAVY DUTY - A600 / N300"

Listed under UL 508 - File # E 58589;

Certified under CSA C22.2 - File # LR 3648

CE Compliant IEC/EN 60947-5-1

Third party certified under DEMKO File # FI-17205

Normal Potential	Normal Current	Inrush Current
110-120 ac ^a volts	6.0 amp.	60.0 amp.
220-240 ac ^a	3.0 amp.	30.0 amp.
440-480 ac ^a	1.5 amp.	15.0 amp.
550-600 ac ^a	1.2 amp.	12.0 amp.
115-125 dc ^b	2.2 amp.	—
230-250 dc ^b	1.1 amp.	—

a Power factor 0.35 or less

b Inductive loads as specified in Section 125 of Industrial Control Devices, Controllers and Assemblies, ANSI / NEMA ICS 2-1988

Can be mounted in REES standard enclosures found on page 39.
Plungers and contacts are not field replaceable.
See pages 64 & 65 for contact arrangement information.

Catalog No.	Plunger/ Color	Cover Color	Operating Force	NEMA UL, IP Class	Approx. Shipping Weight	Positive Break	Contact Type	Contact Arrangements (All Momentary)
01307-012 ^b	Chrome	Black	9.0 lb.	12/13 IP65	1.55 lb.	Yes	Slow-Make/Slow-Break	# 09 NO-NC ➡
01371-012		Black	5.2 lb.		1.35 lb.			
01371-112 ^a		Black	2.5 lb.		1.30 lb.	No	Slow-Make	# 10 2NO
01508-012		Black	10.0 lb.		1.55 lb.	Yes	Slow-Make/Slow-Break	# 09 NO-NC ➡
02049-001 ^b	Black	Black	3.7 lb.		1.35 lb.	No	Snap-Action	# 64 2NO-2NC
02049-002 ^b	Red	Yellow			1.40 lb.			
02761-001	Black	Black				No	Snap-Action	# 64 2NO-2NC
02761-002	Red	Yellow						
02761-003	Green	Black	No			Snap-Action	# 64 2NO-2NC	
02761-004	Yellow	Black			No			Snap-Action
02911-001	Black	Black	No			Snap-Action	# 64 2NO-2NC	
02911-002	Red	Yellow			8.5 lb.			No
02911-102*			5.0 lb.		No	Snap-Action	# 64 2NO-2NC	
02911-004			Yellow					Black
02912-001	Black	Black	No		Snap-Action	# 64 2NO-2NC		
02919-012	Chrome	Black					No	Snap-Action

* Not DEMKO certified

a SS Mounting Screws

b Assembled with an additional internal diaphragm for added protection.

See "WARNING ON PRODUCT APPLICATION" page (2)