Series 20

FAI®

Front Panel Mount, Plastic Case Pushbutton Switch

Illuminated and Non-Illuminated Models





- Momentary or Alternate Action switching actions
- * SPST DPDT switch circuitry
- * Easy lamp replacement from front
- * T 1-3/4 midget flange-based lamp or LED enhanced by replaceable lens covers available in standard EMC colors
- * Seven button sizes all mount into same sized 5/8" diameter mounting hole
- Low profile appearance in one unitized switch housing.

Available options include:

GP = gold plated contacts for low level switching

PC = printed circuit board terminals

AF = round slotted nut

Other custom designs have included matching indicator lights, non-lighted switches, clip spring mounting. Housing color can be custom molded.



Electro-Mech's Series 20 switches are provided in 1/2", 5/8", and 3/4" square or round, and 1/2" x 3/4" display configurations, all mounting in the same size 5/8" diameter round mounting hole from the front of the panel. These low profile units are available in any switching mode with independent lamp circuitry from SPST to DPDT. The all plastic, unitized housing assures ease in handling (no adapters, clamps, or brackets). Just drop the switch in the round hole and secure with a hex nut or round slotted nut from

Series 20 switches have the same internal parts as the all metal Series 6100, including positive action, reliable circuitry and proven low bounce characteristics made possible by our unique design concept of silver slide bar action.

electro-mech

behind the panel.

Series 20

Front Panel Mount, Plastic Case

Pushbutton Switch

Illuminated and Non-Illuminated Models





Specifications:	
Ratings:	30 volts DC or 125 volts AC; 2.0A resistive, 0.5A inductive
Weight:	0.8 oz. (23 g) (approx.)
Operating Pressure:	2 lbs. <u>+</u> 1 lb. (908g <u>+</u> 454g)
Plunger Travel:	0.125 nominal (3.2mm)
Actuations:	100,000 minimum
Contacts:	Silver plated (gold plating optional)
Terminals:	Standard EMC solder lug. Accepts
	two 20 AWG wires. 'PC' pins avail.
Lens:	Accommodates EMC Series 20
Lamp or LED.	lens. See Lens Table at right.
Lamp or LED:	Accommodates one T 1-3/4 (5mm) midget flange base lamp or LED.
	Lamp circuit is independent.
'LK' Option:	Optional anti-rotation Locating Key.
	- p

Lens Table Model	Lens P/N*	Description			
21-xxx 22-xxx 23-xxx 24-xxx 25-xxx 26-xxx 29-xxx	L611 L612 L613 L614 L615 L616 L619	1/2" square lens 1/2" round lens 5/8" square lens 5/8" round lens 3/4" square lens 3/4" round lens 1/2" x 3/4" rectangular lens			
How to Order					

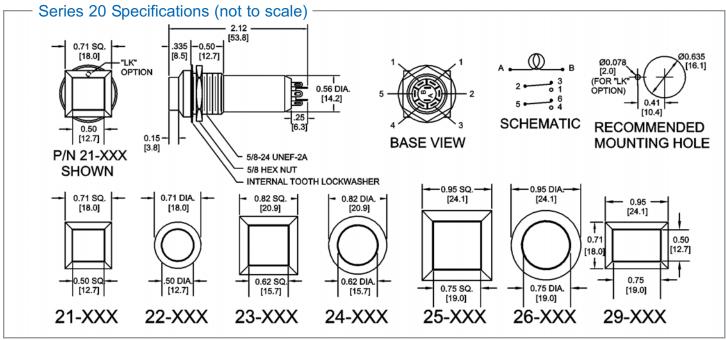
How to Order: L61NX = solid color lens (e.g. L612W) L61NX/X = solid color lens w/ color filt

L61NX/X = solid color lens w/ color filter (e.g. L611W/G)
L61NC-X = clear overcap w/ legend plate (e.g. L616C-R)
L61NC-X/W = clear cap w/ plate & filter (e.g. L615C-W/Y)

* All solid colored lens caps include a filter layer for better light diffusion.

Part Number Table:							All solid colored letts caps include a filter layer for better light dilidsion.		
— Part Number	iable.								
				2PST-					
	— SР	ST—			1N.O.				
Action		1N.C.						Notes:	
Momentary		2x-129							
Snap Feel Mom.	2x-528	2x-529	2x-530	2x-531	2x-532	2x-549	2x-550	Artificial click in momentary travel.	
Push-On/Push-Off		2x-229							
Push-On/Remain-In/	2x-828	2x-829	2x-830	2x-831	2x-832	2x-849	2x-850	Button is physically depressed in down	
Push-Off								position.	
Terminals Used:	2-5	2-5	1-2, 4-5	2-3, 5-6	1-2,	1-2-3	1-2-3,	See schematic below for terminal	
			4-5	5-6	5-6		4-5-6	location.	

For non-illuminated version, specify the digit "1" as prefix to three digit circuitry (e.g. 2x-1150). Indicator only is 2x-210.





Electro-Mech Components, Inc. • (626) 442-7180 • (888) 442-7180 • Fax: (626) 350-8070

1826 Floradale Avenue • South El Monte, CA 91733-3689 USA

Email: info@electromechcomp.com • Web: www.electromechcomp.com EMC-20 7/2017