



BENSHAW

Applied Motor Controls

AN AMCONEX GROUP COMPANY

Product Catalog



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Pilot Devices

Rapid | Rugged | Global

CONTENTS

Introduction	3
PUSH BUTTONS	
Product Overview.....	4
Non-Illuminated Push Buttons	
<u>Momentary Non-Illuminated Push Buttons</u>	4
<u>Push Pull maintained Non-Illuminated Push Buttons</u>	4
Illuminated Push Buttons	
<u>Momentary Illuminated Push Buttons</u>	5
<u>Push Pull Maintained Illuminated Push Buttons</u>	5
SELECTOR SWITCHES	
Product Overview.....	6
Selector Switches.....	6
PILOT LIGHTS	
Product Overview.....	7
Standard Pilot Lights	7
Push-to-Test Pilot Lights	8
ADDITIONAL ACCESSORIES	
Potentiometers.....	9
Wobble Stick.....	9
Legends 2"x 2" Square Legends	10
"Emergency Stop", 2 -13/32".....	12
CONTACT BLOCKS	
Product Overview.....	13
Ratings.....	13
Contact Blocks.....	13
DESIGN YOUR CUSTOMIZED PRODUCTS	
Customized Non-Illuminated Push Buttons	
<u>Configurator</u>	14
<u>Pricing</u>	15
Customized Illuminated Push Buttons	
<u>Configurator</u>	16
<u>Pricing</u>	17
Customized Selector Switches	
<u>Configurator</u>	18
<u>Pricing</u>	19
Customized Pilot Lights	
<u>Configurator</u>	20
<u>Pricing</u>	20
DIMENSIONAL DRAWINGS	
Non-Illuminated Push Buttons	
<u>Momentary Non-Illuminated Push Buttons</u>	21
<u>Maintained Non-Illuminated Push Buttons</u>	22
<u>Push Pull Maintained Non-Illuminated Push Buttons</u> ...	22
Illuminated Push Buttons	
<u>Momentary Illuminated Push Buttons</u>	23
<u>Push Pull Illuminated Push Buttons</u>	23
Selector Switches	
<u>Selector Switches</u>	24
Pilot Lights	
<u>Pilot Lights Standard</u>	25
<u>Pilot Lights Push to Test</u>	25-26
Additional Accessories	
<u>Potentiometer</u>	27
<u>Wobble Stick</u>	27
<u>Legends</u>	27
Contact Blocks	
<u>Contact Blocks</u>	28

Introduction

Benshaw stocks a wide selection of pilot devices, including push buttons, selector switches, toggle and rocker switches, indicator lights and more.

Push Buttons

Benshaw's line of 30mm push buttons are durable, flexible and well-suited to a variety of applications. We stock both non-illuminated and illuminated versions, and we can also customize buttons to suit your needs. All of our push buttons are UL listed and rated NEMA 4X for use in even harsh applications.

Selector Switches

Benshaw's comprehensive line of 30mm selector switches encompasses two-, three- and four-position models, with both maintained and spring return options. Our selector switches are also customizable via several handle insert color options and contact block configurations. All selector switches are UL rated up to NEMA 4X.

Pilot Lights

Benshaw offers a complete line of standard and push-to-test 30mm pilot lights, both at 24V or 120V. As with all of Benshaw's pilot devices, our pilot lights are UL rated up to NEMA 4X.

Contact Blocks

Benshaw's line of 30mm contact blocks is designed to save you time and cost. These robust yet easy to install blocks enable one pilot device to operate several control circuits. Our heavy-duty construction ensures that these contact blocks stay connected. Our mix and match flexibility allows you to create a unique product to accommodate your needs. An IP20 guard is standard on all contact blocks.



PUSH BUTTONS (30mm)

Benshaw's line of 30mm push buttons are durable, flexible, and ideal for a variety of uses. Available in two versions (non-illuminated and illuminated), these push buttons can be customized to suit your needs. All of our push buttons are UL listed and rated NEMA 4X for use in even harsh environments.



- UL listed
- NEMA RATING: 1, 2, 3, 3R, 12, 13, 4, 4X

Fully-assembled operators come standard with one 3/16" (4.8mm) and three 1/16" (1.6mm) gaskets.

	Part Number	Color	Contacts	Type	Rating Type
Flush	~R2PB30-F-K-O	Black	1 N.O.	Flush	4/4X
	~R2PB30-F-G-O	Green	1 N.O.	Flush	4/4X
	~R2PB30-F-R-O	Red	1 N.O.	Flush	4/4X
	~R2PB30-F-R-C	Red	1 N.C.	Flush	4/4X
	~R2PB30-F-Y-O	Yellow	1 N.O.	Flush	4/4X
Guarded	~R2PB30-G-K-O	Black	1 N.O.	Guarded	4/4X
	~R2PB30-G-G-O	Green	1 N.O.	Guarded	4/4X
	~R2PB30-G-R-O	Red	1 N.O.	Guarded	4/4X
	~R2PB30-G-R-C	Red	1 N.C.	Guarded	4/4X
	~R2PB30-G-Y-O	Yellow	1 N.O.	Guarded	4/4X
Extended	~R2PB30-E-K-O	Black	1 N.O.	Extended	4/4X
	~R2PB30-E-G-O	Green	1 N.O.	Extended	4/4X
	~R2PB30-E-R-O	Red	1 N.O.	Extended	4/4X
	~R2PB30-E-R-C	Red	1 N.C.	Extended	4/4X
	~R2PB30-E-Y-O	Yellow	1 N.O.	Extended	4/4X
Mushroom	~R2PB30-M-K-O	Black	1 N.O.	Mushroom	4/4X
	~R2PB30-M-G-O	Green	1 N.O.	Mushroom	4/4X
	~R2PB30-M-R-O	Red	1 N.O.	Mushroom	4/4X
	~R2PB30-M-R-C	Red	1 N.C.	Mushroom	4/4X
	~R2PB30-M-Y-O	Yellow	1 N.O.	Mushroom	4/4X

	Part Number	Color	Contacts	Type	Rating Type
Mushroom	~R2PB30-2PM-G-O	Green	1 N.O.	Mushroom	4/4X
	~R2PB30-2PM-R-O	Red	1 N.O.	Mushroom	4/4X
	~R2PB30-2PM-R-C	Red	1 N.C.	Mushroom	4/4X

	Part Number	Color	Contacts	Type	Rating Type
Push Pull	~R2PB30-2TM-K-O	Black	1 N.O.	Mushroom	4/4X
	~R2PB30-2TM-R-C	Red	1 N.C.	Mushroom	4/4X



PUSH BUTTONS (30mm)



Momentary

	Part Number	Color	Contacts	Type	Voltage	Rating Type
Extended	~R2PB30-ILE-120-G	Green	1 N.O.	Extended	120V	4/4X
	~R2PB30-ILE-120-A	Amber	1 N.O.	Extended	120V	4/4X
	~R2PB30-ILE-120-B	Blue	1 N.O.	Extended	120V	4/4X
	~R2PB30-ILE-24-R	Red	1 N.O.	Extended	24V	4/4X
	~R2PB30-ILE-24-G	Green	1 N.O.	Extended	24V	4/4X
	~R2PB30-ILE-24-A	Amber	1 N.O.	Extended	24 ac/dc	4/4X
	~R2PB30-ILE-24-B	Blue	1 N.O.	Extended	24 ac/dc	4/4X
Mushroom	~R2PB30-ILM-120-R	Red	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-ILM-120-G	Green	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-ILM-120-A	Amber	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-ILM-120-B	Blue	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-ILM-24-R	Red	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-ILM-24-G	Green	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-ILM-24-A	Amber	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-ILM-24-B	Blue	1 N.O.	Mushroom	120V	4/4X
Guarded	~R2PB30-ILG-120-R	Red	1 N.O.	Guarded	120V	4/4X
	~R2PB30-ILG-120-G	Green	1 N.O.	Guarded	120V	4/4X
	~R2PB30-ILG-120-A	Amber	1 N.O.	Guarded	120V	4/4X
	~R2PB30-ILG-120-B	Blue	1 N.O.	Guarded	24 ac/dc	4/4X
	~R2PB30-ILG-24-R	Red	1 N.O.	Guarded	24 ac/dc	4/4X
	~R2PB30-ILG-24-G	Green	1 N.O.	Guarded	24 ac/dc	4/4X
	~R2PB30-ILG-24-A	Amber	1 N.O.	Guarded	24 ac/dc	4/4X
	~R2PB30-ILG-24-B	Blue	1 N.O.	Guarded	120V	4/4X
Shrouded	~R2PB30-ILS-120-R	Red	1 N.O.	Shrouded	120V	4/4X
	~R2PB30-ILS-120-G	Green	1 N.O.	Shrouded	120V	4/4X
	~R2PB30-ILS-120-A	Amber	1 N.O.	Shrouded	120V	4/4X
	~R2PB30-ILS-120-B	Blue	1 N.O.	Shrouded	24 ac/dc	4/4X
	~R2PB30-ILS-24-R	Red	1 N.O.	Shrouded	24 ac/dc	4/4X
	~R2PB30-ILS-24-G	Green	1 N.O.	Shrouded	24 ac/dc	4/4X
	~R2PB30-ILS-24-A	Amber	1 N.O.	Shrouded	24 ac/dc	4/4X
	~R2PB30-ILS-24-B	Blue	1 N.O.	Shrouded	24 ac/dc	4/4X

Push Pull

	Part Number	Color	Contacts	Type	Voltage	Rating Type
Mushroom	~R2PB30-IL2P-120-R	Red	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-IL2P-120-G	Green	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-IL2P-120-A	Amber	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-IL2P-120-B	Blue	1 N.O.	Mushroom	120V	4/4X
	~R2PB30-IL2P-24-R	Red	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-IL2P-24-G	Green	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-IL2P-24-A	Amber	1 N.O.	Mushroom	24 ac/dc	4/4X
	~R2PB30-IL2P-24-B	Blue	1 N.O.	Mushroom	24 ac/dc	4/4X

SELECTOR SWITCHES



Benshaw's comprehensive line of 30mm selector switches encompasses 2 and 3 position models, with both maintained and spring return options. Highly customizable via several handle insert color options and contact block configurations, all selector switches are rated up to NEMA 4X.

All selector switches come with a black base.
Handle color is customizable.

- UL listed
- NEMA RATING: 1, 2, 3, 3R, 12, 13, 4, 4X

Fully-assembled operators come standard with one 3/16" (4.8mm) and three 1/16" (1.6mm) gaskets.

	Part Number	Handle Color	Contacts	Rating Type
	^R2SW30-2PM-W-C	Black	1 N.C.	4/4X
	^R2SW30-2PM-W-O	Black	1 N.O.	4/4X
	^R2SW30-3PM-W-2O	White	2 N.O.	4/4X



PILOT LIGHTS (30mm)

Benshaw offers a complete line of standard and push-to-test 30mm pilot lights, both at 24V or 120V. As with all of Benshaw's pilot devices, all pilot lights are rated up to NEMA 4X.

All pilot lights are LED type.

- UL listed
- NEMA RATING: 1, 2, 3, 3R, 12, 13, 4, 4X

Standard Pilot Lights



Part Number	Color	Type	Voltage	Rating Type
VR2PL30-120-A	Amber	Guarded	120V	4/4X
VR2PL30-120-R	Red	Guarded	120V	4/4X
VR2PL30-120-G	Green	Guarded	120V	4/4X
VR2PL30-120-B	Blue	Guarded	120V	4/4X
VR2PL30-120-W	White	Guarded	120V	4/4X
VR2PL30-24-A	Amber	Guarded	24 ac/dc	4/4X
VR2PL30-24-R	Red	Guarded	24 ac/dc	4/4X
VR2PL30-24-G	Green	Guarded	24 ac/dc	4/4X
VR2PL30-24-B	Blue	Guarded	24 ac/dc	4/4X
VR2PL30-24-W	White	Guarded	24 ac/dc	4/4X

PILOT LIGHTS (30mm)



Push to Test Pilot Lights

	Part Number	Color	Type	Contact Type	Voltage	Rating Type
	⊕R2PL30-TE-120-A	Amber	Extended	Silver	120V	4/4X
	⊕R2PL30-TE-120-B	Blue	Extended	Silver	120V	4/4X
	⊕R2PL30-TE-120-G	Green	Extended	Silver	120V	4/4X
	⊕R2PL30-TE-120-R	Red	Extended	Silver	120V	4/4X
	⊕R2PL30-TE-120-W	White	Extended	Silver	120V	4/4X
	⊕R2PL30-TE-24-A	Amber	Extended	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TE-24-B	Blue	Extended	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TE-24-G	Green	Extended	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TE-24-R	Red	Extended	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TM-120-A	Amber	Mushroom	Silver	120V	4/4X
	⊕R2PL30-TM-120-B	Blue	Mushroom	Silver	120V	4/4X
	⊕R2PL30-TM-120-G	Green	Mushroom	Silver	120V	4/4X
	⊕R2PL30-TM-120-R	Red	Mushroom	Silver	120V	4/4X
	⊕R2PL30-TM-120-W	White	Mushroom	Silver	120V	4/4X
	⊕R2PL30-TM-24-A	Amber	Mushroom	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TM-24-B	Blue	Mushroom	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TM-24-G	Green	Mushroom	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TM-24-R	Red	Mushroom	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TG-120-A	Amber	Guarded	Silver	120V	4/4X
	⊕R2PL30-TG-120-B	Blue	Guarded	Silver	120V	4/4X
	⊕R2PL30-TG-120-G	Green	Guarded	Silver	120V	4/4X
	⊕R2PL30-TG-120-R	Red	Guarded	Silver	120V	4/4X
	⊕R2PL30-TG-120-W	White	Guarded	Silver	120V	4/4X
	⊕R2PL30-TG-24-A	Amber	Guarded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TG-24-B	Blue	Guarded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TG-24-G	Green	Guarded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TG-24-R	Red	Guarded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TS-120-A	Amber	Shrouded	Silver	120V	4/4X
	⊕R2PL30-TS-120-B	Blue	Shrouded	Silver	120V	4/4X
	⊕R2PL30-TS-120-G	Green	Shrouded	Silver	120V	4/4X
	⊕R2PL30-TS-120-R	Red	Shrouded	Silver	120V	4/4X
	⊕R2PL30-TS-120-W	White	Shrouded	Silver	120V	4/4X
	⊕R2PL30-TS-24-A	Amber	Shrouded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TS-24-B	Blue	Shrouded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TS-24-G	Green	Shrouded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TS-24-R	Red	Shrouded	Gold Plated	24 ac/dc	4/4X
	⊕R2PL30-TS-24-W	White	Shrouded	Gold Plated	24 ac/dc	4/4X



ADDITIONAL ACCESSORIES

Potentiometers

Benshaw offers standard 2 Watt potentiometers with prewired terminal blocks.

- UL listed
- NEMA RATING: 1, 2, 3, 3R, 12, 13, 4, 4X

Fully-assembled operators come standard with one 3/16" (4.8mm) and three 1/16" (1.6mm) gaskets.

	Part Number	Color	Contacts	Rating Type
	~R2PB30-POT-5	Black	5K Ohm	4/4X
	~R2PB30-POT-10	Black	10K Ohm	4/4X

* 5/64" Allen Wrench needed for installation.



Wobble Stick

	Part Number	Color	Contacts	Rating Type
	~R2PB-WS-OC	Black	1 N.O. 1 N.C.	4/4X

- UL listed
- NEMA RATING: 4, 4X

*Spring return action to center.

ADDITIONAL ACCESSORIES

Legends

Benshaw offers a comprehensive line of legends in order to properly label all pilot devices.

2" x 2" Square Legends Adhesive Back

Part Number	Legend	Description
LG-100300-000	Close	Black with white lettering
LG-100300-001	Down	Black with white lettering
LG-100300-002	Emergency Stop	Black with white lettering
LG-100300-003	Fault	Black with white lettering
LG-100300-004	Forward	Black with white lettering
LG-100300-005	Hand	Black with white lettering
LG-100300-006	Jog	Black with white lettering
LG-100300-007	Jog Forward	Black with white lettering
LG-100300-008	Jog Reverse	Black with white lettering
LG-100300-009	Manual	Black with white lettering
LG-100300-010	Motor Run	Black with white lettering
LG-100300-011	Off	Black with white lettering
LG-100300-012	On	Black with white lettering
LG-100300-013	Open	Black with white lettering
LG-100300-014	Overload	Black with white lettering
LG-100300-015	Power Off	Black with white lettering
LG-100300-016	Power On	Black with white lettering
LG-100300-017	Push to Reset	Black with white lettering
LG-100300-018	Push to Test	Black with white lettering
LG-100300-019	Raise	Black with white lettering
LG-100300-020	Ready	Black with white lettering
LG-100300-021	Reset	Black with white lettering
LG-100300-022	Reverse	Black with white lettering
LG-100300-023	Run	Black with white lettering
LG-100300-024	Start	Black with white lettering
LG-100300-025	Stop	Black with white lettering
LG-100300-026	Test	Black with white lettering
LG-100300-027	Trip	Black with white lettering
LG-100300-028	Auto / Hand	Black with white lettering
LG-100300-029	Auto / Manual	Black with white lettering
LG-100300-030	Down / Up	Black with white lettering
LG-100300-031	Fast / Slow	Black with white lettering
LG-100300-032	Fwd / Rev	Black with white lettering
LG-100300-033	Hand / Auto	Black with white lettering



ADDITIONAL ACCESSORIES

2" x 2" Square Legends Adhesive Back



Part Number	Legend	Description
LG-100300-034	Local / Remote	Black with white lettering
LG-100300-035	Manual / Auto	Black with white lettering
LG-100300-036	Off / On	Black with white lettering
LG-100300-037	On / Off	Black with white lettering
LG-100300-038	Open / Close	Black with white lettering
LG-100300-039	Pull Start / Push Stop	Black with white lettering
LG-100300-040	Push Off / Pull On	Black with white lettering
LG-100300-041	Pull On / Push Off	Black with white lettering
LG-100300-042	Push to Stop / Pull to Start	Black with white lettering
LG-100300-043	Rev / Fwd	Black with white lettering
LG-100300-044	Run / Jog	Black with white lettering
LG-100300-045	Start / Stop	Black with white lettering
LG-100300-046	Stop / Start	Black with white lettering
LG-100300-047	Up / Down	Black with white lettering
LG-100300-048	Auto / Off / Hand	Black with white lettering
LG-100300-049	Auto / Man / Off	Black with white lettering
LG-100300-050	Fwd / Off / Rev	Black with white lettering
LG-100300-051	Fwd / Off / Rev	Black with white lettering
LG-100300-052	H / O / A	Black with white lettering
LG-100300-053	Off / Start	Black with white lettering
LG-100300-054	Start / Run	Black with white lettering
LG-100300-055	Speed 0-100	Black with white lettering
LG-100300-056	Close	White with black lettering
LG-100300-057	Down	White with black lettering
LG-100300-058	Emergency Stop	White with black lettering
LG-100300-059	Fault	White with black lettering
LG-100300-060	Forward	White with black lettering
LG-100300-061	Hand	White with black lettering
LG-100300-062	Jog	White with black lettering
LG-100300-063	Jog Forward	White with black lettering
LG-100300-064	Jog Reverse	White with black lettering
LG-100300-065	Manual	White with black lettering
LG-100300-066	Motor Run	White with black lettering
LG-100300-067	Off	White with black lettering
LG-100300-068	On	White with black lettering
LG-100300-069	Open	White with black lettering
LG-100300-070	Overload	White with black lettering
LG-100300-071	Power Off	White with black lettering
LG-100300-072	Power On	White with black lettering
LG-100300-073	Push to Reset	White with black lettering

ADDITIONAL ACCESSORIES

2" x 2" Square Legends Adhesive Back

Part Number	Legend	Description
LG-100300-074	Push to Test	White with black lettering
LG-100300-075	Raise	White with black lettering
LG-100300-076	Ready	White with black lettering
LG-100300-077	Reset	White with black lettering
LG-100300-078	Reverse	White with black lettering
LG-100300-079	Run	White with black lettering
LG-100300-080	Start	White with black lettering
LG-100300-081	Stop	White with black lettering
LG-100300-082	Test	White with black lettering
LG-100300-083	Trip	White with black lettering
LG-100300-084	Auto / Hand	White with black lettering
LG-100300-085	Auto / Manual	White with black lettering
LG-100300-086	Down / Up	White with black lettering
LG-100300-087	Fast / Slow	White with black lettering
LG-100300-088	Fwd / Rev	White with black lettering
LG-100300-089	Hand / Auto	White with black lettering
LG-100300-090	Local / Remote	White with black lettering
LG-100300-091	Manual / Auto	White with black lettering
LG-100300-092	Off / On	White with black lettering
LG-100300-093	On / Off	White with black lettering
LG-100300-094	Open / Close	White with black lettering
LG-100300-095	Pull Start / Push Stop	White with black lettering
LG-100300-096	Push Off Pull On	White with black lettering
LG-100300-097	Push On / Push Off	White with black lettering
LG-100300-098	Push to Stop / Pull to Start	White with black lettering
LG-100300-099	Rev / Fwd	White with black lettering
LG-100300-100	Run / Jog	White with black lettering
LG-100300-101	Start / Stop	White with black lettering
LG-100300-102	Stop / Start	White with black lettering
LG-100300-103	Up / Down	White with black lettering
LG-100300-104	Auto / Off / Hand	White with black lettering
LG-100300-105	Auto / Man / Off	White with black lettering
LG-100300-106	Fwd / Auto / Rev	White with black lettering
LG-100300-107	Fwd / Off / Rev	White with black lettering
LG-100300-108	H / O / A	White with black lettering
LG-100300-109	Off / Run / Start	White with black lettering
LG-100300-110	Off / Start / Run	White with black lettering
LG-100300-111	Speed 0-100	White with black lettering



"Emergency Stop", 2 - 13/32" Diameter" Circle, Yellow Face with Black Lettering, Adhesive Back

Part Number	Legend
LG-100300-112	Emergency Stop



CONTACT BLOCKS

Benshaw's line of 30mm Contact Blocks is designed to save you time and cost. These robust yet easy to install blocks enable one pilot device to operate several control circuits. Our heavy-duty construction ensures that these contact blocks stay connected. This mix and match flexibility allows you to create a unique product to accommodate your needs.

Ratings



R2N030
(with IP20 guard removed)

	Designation	Maximum Voltage	Make	Break	Maximum Continuous Thermal Current
AC Contact Rating	A600	600V AC	7200 VA	720 VA	Ith: 10A
DC Contact Rating	P300	250V DC	138 VA	138 VA	Ith: 5A



R2DB30
(with IP20 guard)

Part Number	Color	Contacts
~R2NO30	Green	1 N.O.
~R2NC30	Red	1 N.C
~R2EM30	White	1 N.O. Early make
~R2DB30	Black	1 N.C Delayed Break
~R2NOG30	Green	1 N.O. Gold Terminals
~R2NCG30	Red	1 N.C Gold Terminals
~R2EMG30	White	1 N.O. Early make Gold Terminals
~R2DBG30	Black	1 N.C Delayed Break Gold Terminals



R2NC30
(with IP20 guard removed)

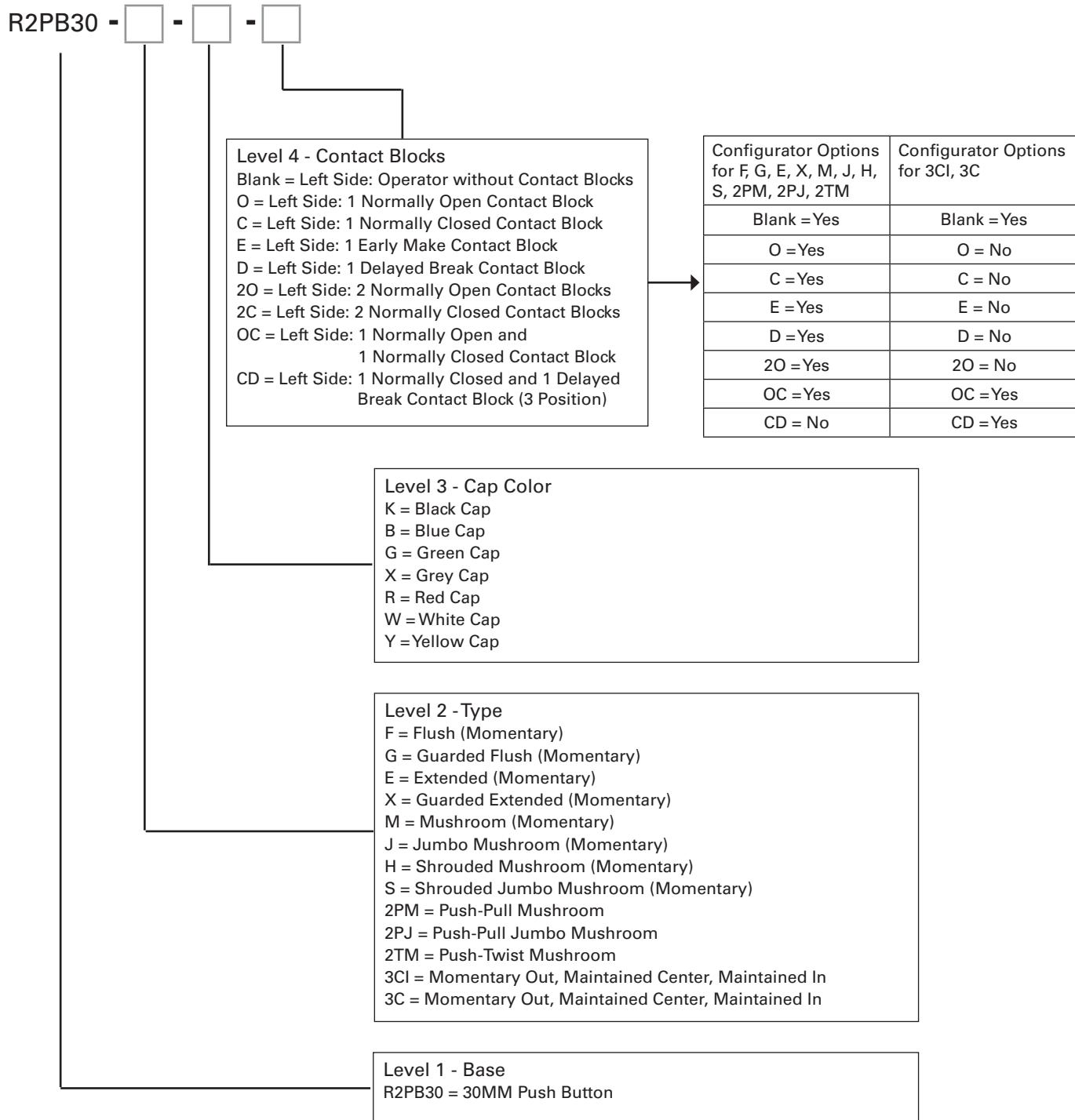
*Each Contact Block comes standard with an IP20 guard.

DESIGN YOUR CUSTOMIZED PUSH BUTTONS

Non-Illuminated Push Buttons

Configurator

Only one option can be selected from each group.



DESIGN YOUR CUSTOMIZED PUSH BUTTONS

Non-Illuminated Push Buttons

Pricing

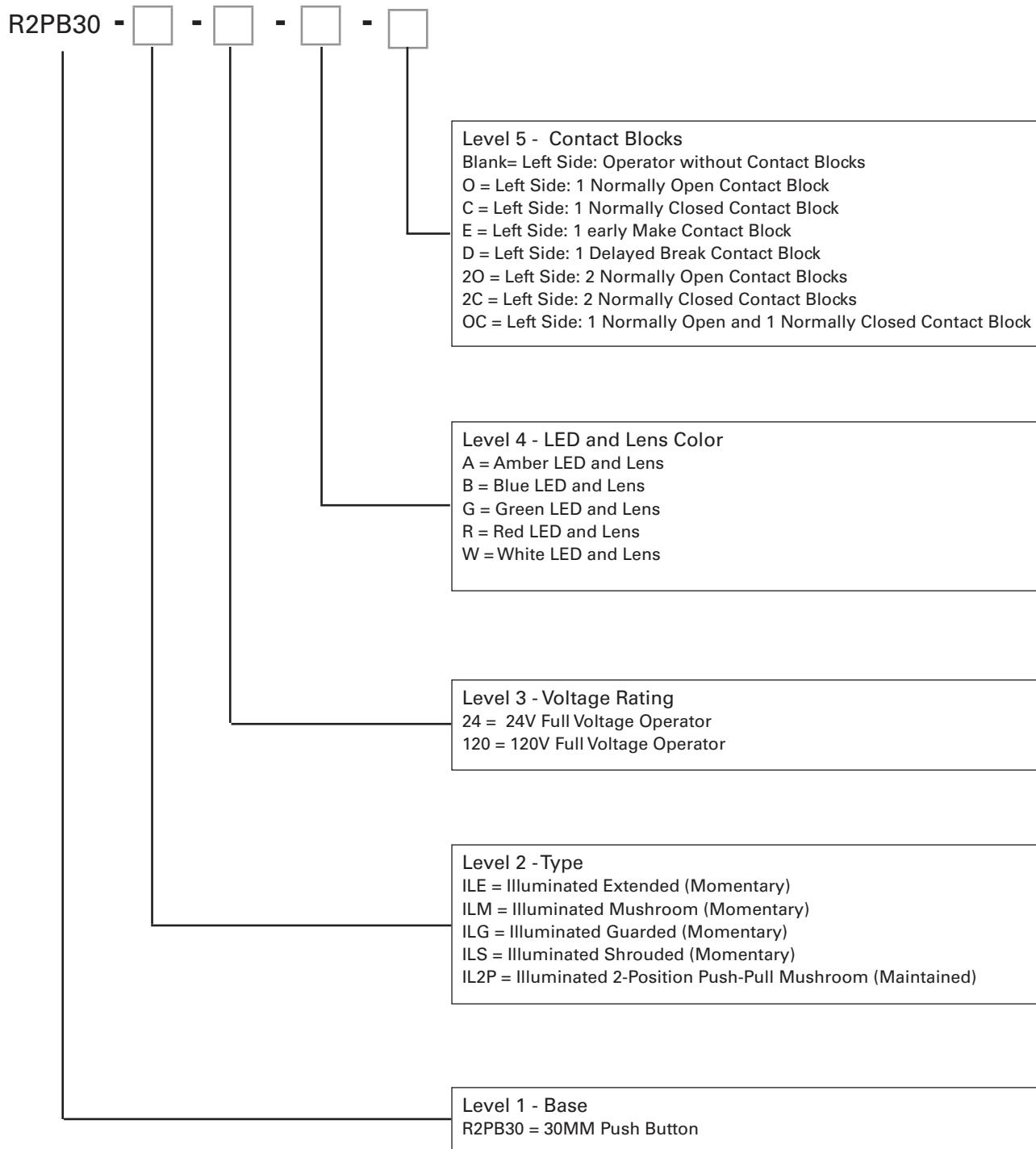
	Part Number	Description
Level 1 - Base	R2PB30	30MM Push Button
Level 2 - Type	F	Flush (Momentary)
	G	Guarded Flush (Momentary)
	E	Extended (Momentary)
	X	Guarded Extended (Momentary)
	M	Mushroom (Momentary)
	J	Jumbo Mushroom (Momentary)
	H	Shrouded Mushroom (Momentary)
	S	Shrouded Jumbo Mushroom (Momentary)
	2PM	Push-Pull Mushroom
	2PJ	Push-Pull Jumbo Mushroom
	2TM	Push-Twist Mushroom
	3CI	Momentary Out, Maintained Center, Maintained In
	3C	Momentary Out, Maintained Center, Momentary In
Level 3 - Cap Color	K	Black Cap
	B	Blue Cap
	G	Green Cap
	X	Grey Cap
	R	Red Cap
	W	White Cap
	Y	Yellow Cap
Level 4 - Contact Blocks	Blank	Left Side: Operator without Contact Blocks
	O	Left Side: 1 Normally Open Contact Block
	C	Left Side: 1 Normally Closed Contact Block
	E	Left Side: 1 Early Make Contact Block
	D	Left Side: 1 Delayed Break Contact Block
	2O	Left Side: 2 normally Open Contact Blocks
	2C	Left Side: 2 Normally Closed Contact Blocks
	OC	Left Side: 1 Normally Open and 1 Normally Closed Contact Block
	CD	Left Side: 1 Normally Closed and 1 Delayed Break Contact Block (3 Position)

DESIGN YOUR CUSTOMIZED PUSH BUTTONS

Illuminated Push Buttons

Configurator

Only one option can be selected from each group.



DESIGN YOUR CUSTOMIZED PUSH BUTTONS

Illuminated Push Buttons

Pricing

	Part Number	Description
Level 1 - Base	R2PB30	30MM Push Button
	ILE	Illuminated Extended (Momentary)
	ILM	Illuminated Mushroom (Momentary)
Level 2 - Type	ILG	Illuminated Guarded (Momentary)
	ILS	Illuminated Shrouded (Momentary)
	IL2P	Illuminated 2-Position Push-Pull Mushroom (Maintained)
Level 3 - Voltage Rating	24	24V Full Voltage Operator
	120	120V Full Voltage Operator
Level 4 - LED and Lens Color	A	Amber LED and Lens
	B	Blue LED and Lens
	G	Green LED and Lens
	R	Red LED and Lens
	W	White LED and Lens
Level 5 - Contact Blocks	(Blank)	Left Side: Operator without Contact Blocks
	O	Left Side: 1 Normally Open Contact Block
	C	Left Side: 1 Normally Closed Contact Block
	E	Left Side: 1 Early Make Contact Block
	D	Left Side: 1 Delayed Break Contact Block
	2O	Left Side: 2 Normally Open Contact Blocks
	2C	Left Side: 2 Normally Closed Contact Blocks
	OC	Left Side: 1 Normally Open and 1 Normally Closed Contact Block

DESIGN YOUR CUSTOMIZED SELECTOR SWITCHES

Configurator

Only one option can be selected from each group.

R2SW30 - - -

Level 4 - Contact Blocks

Blank = Left Side: Operator without Contact Blocks
O = Left Side: 1 Normally Open Contact Block
C = Left Side: 1 Normally Closed Contact Block
E = Left Side: 1 early Make Contact Block
D = Left Side: 1 Delayed Break Contact Block
2O = Left Side: 2 Normally Open Contact Blocks
2C = Left Side: 2 Normally Closed Contact Blocks
OC = Left Side: 1 Normally Open and 1 Normally Closed Contact Block

Level 3 - Handle Color

B = Blue LED and Lens
G = Green LED and Lens
X = Grey
R = Red LED and Lens
W = White LED and Lens
Y = Yellow

Level 2 - Operator Function

2PM = Position Maintained
2PRLR = 2 Position Spring Return, Left to Right
2PRRL = 2 Position Spring Return, Right to Left
3PM = 3 Position Maintained
3PRLC = 3 Position Spring Return, Left to Center
3PRRC = 3 Position Spring Return, Right to Center
3PLRC = 3 Position Spring Return, Left and Right to Center
4PM = 4 Position Maintained
4PR43 = 4 Position Spring Return, Position 4 to 3
4P1243 = 4 Position Spring Return, Position 1 to 2 and 4 to 3

Level 1 - Base

R2SW30 = 30MM Selector Switch

DESIGN YOUR CUSTOMIZED SELECTOR SWITCHES

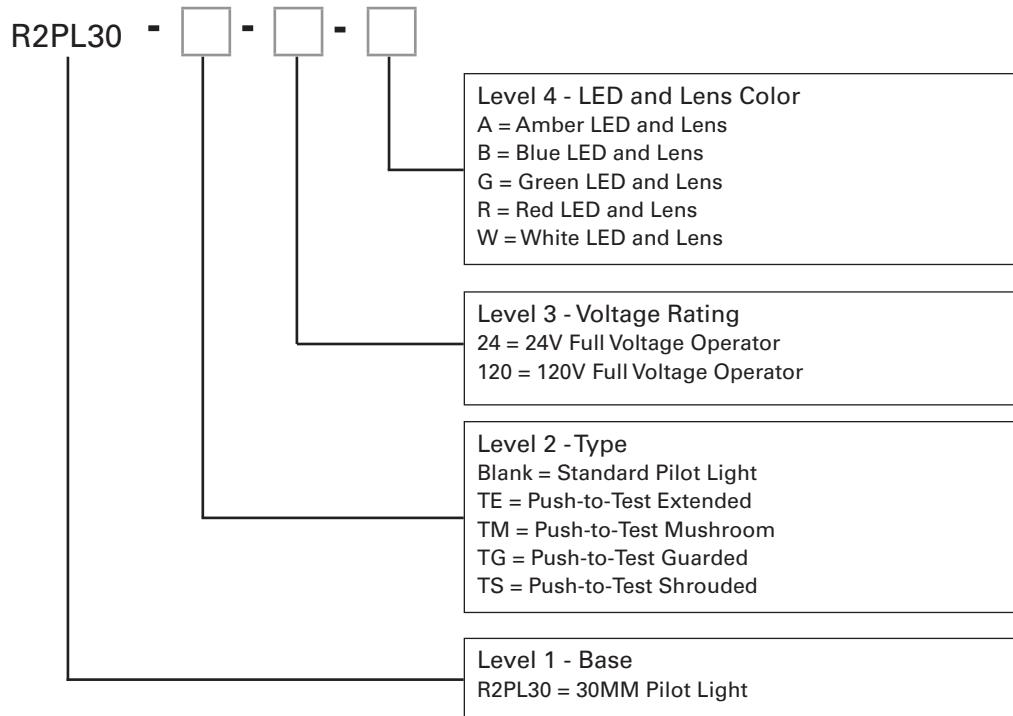
Pricing

	Part Number	Description
Level 1 - Base	RS2W30	30MM Selector Switch
Level 2 - Operator Function	2PM	2 Position Maintained
	2PRLR	2 Position Spring Return, Left to Right
	2PRRL	2 Position Spring Return, Right to Left
	3PM	3 Position Maintained
	3PRLC	3 Position Spring Return, Left to Center
	3PRRC	3 Position Spring Return, Right to Center
	3PLRC	3 Position Spring Return, Left and Right to Center
	4PM	4 Position Maintained
	4PR43	4 Position Spring Return, Position 4 to 3
	4P1243	4 Position Spring Return, Position 1 to 2 and 4 to 3
Level 3 - Handle Color	B	Blue
	G	Green
	X	Grey
	R	Red
	W	White
	Y	Yellow
Level 4 - Contact Blocks	(Blank)	Left Side: Operator without Contact Blocks
	O	Left Side: 1 Normally Open Contact Block
	C	Left Side: 1 Normally Closed Contact Block
	E	Left Side: 1 Early Make Contact Block
	D	Left Side: 1 Delayed Break Contact Block
	2O	Left Side: 2 Normally Open Contact Blocks
	2C	Left Side: 2 Normally Closed Contact Blocks
	OC	Left Side: 1 Normally Open and 1 Normally Closed Contact Block

DESIGN YOUR CUSTOMIZED PILOT LIGHTS

Configurator

Only one option can be selected from each group.



Pricing

	Part Number	Description
Level 1 - Base	R2PL30	30MM Pilot Light
	(Blank)	Standard Pilot Light
	TE	Push-to-Test Extended
Level 2 - Type	TM	Push-to-Test Mushroom
	TG	Push-to-Test Guarded
	TS	Push-to-Test Shrouded
Level 3 - Voltage Rating	24	24V Full Voltage Operator (Standard Operator)
	24	24V Full Voltage Operator (Push-to-Test)*
	120	120V Full Voltage Operator
Level 4 - LED and Lens Color	A	Amber LED and Lens
	B	Blue LED and Lens
	G	Green LED and Lens
	R	Red LED and Lens
	W	White LED and Lens

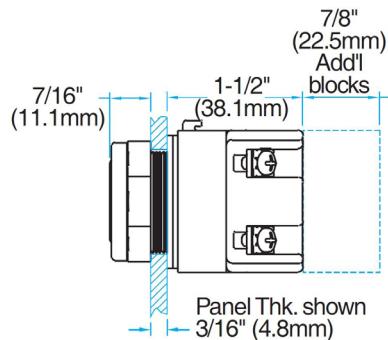
* All 24V Push-to-Test Pilot Lights come standard with gold plated contacts.

DIMENSIONAL DRAWINGS

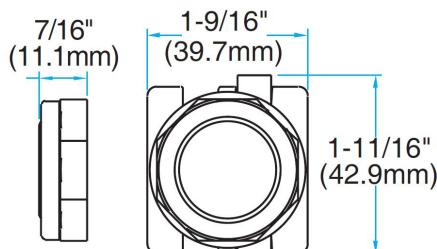
Momentary Non-Illuminated Push Buttons

Non-Illuminated Operator

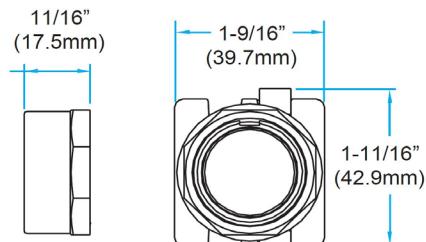
(Shown with Momentary Flush Cap, but used on all Non-Illuminated Push buttons)



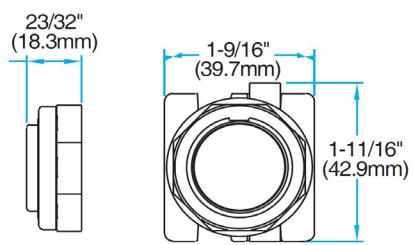
F = Momentary Flush Cap



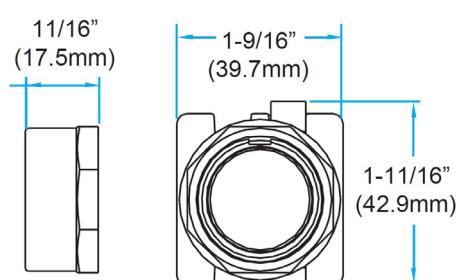
G = Momentary Guarded Flush Cap



E = Momentary Extended Cap



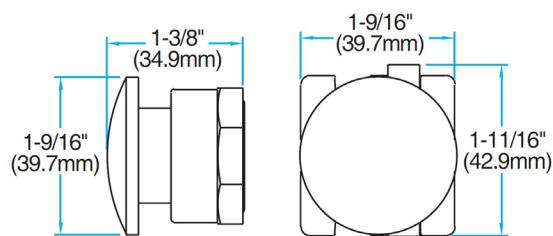
X = Momentary Guarded Extended Cap



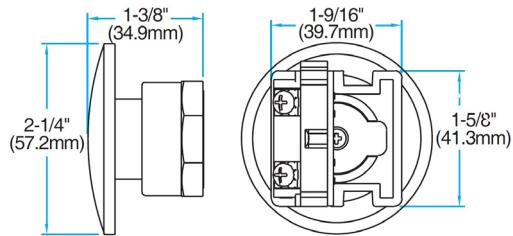
DIMENSIONAL DRAWINGS

Momentary Non-Illuminated Push Buttons

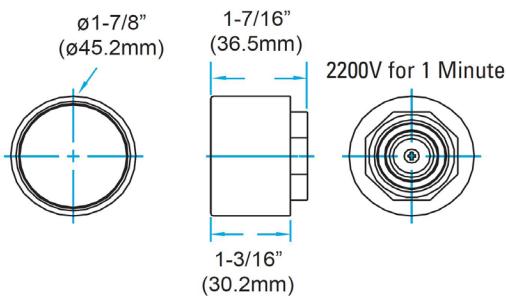
M = Momentary Mushroom Cap (1 - 1/2")



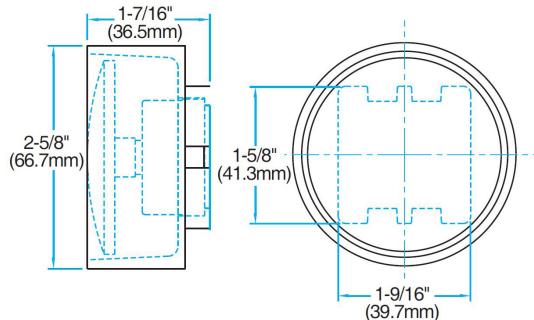
J = Momentary Jumbo Mushroom Cap (2 - 1/4")



H = Momentary Shrouded Mushroom Cap (1 - 1/2")

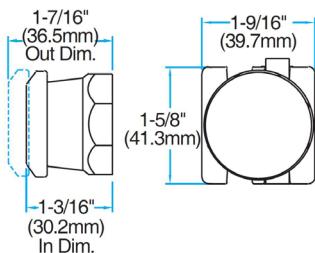


S = Momentary Shrouded Jumbo Mushroom Cap (2 - 1/4")

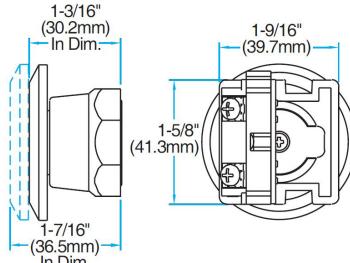


Maintained Non-Illuminated Push Buttons

2PM = 2-Position Push-Pull Maintained Mushroom Cap (1 - 1/2")

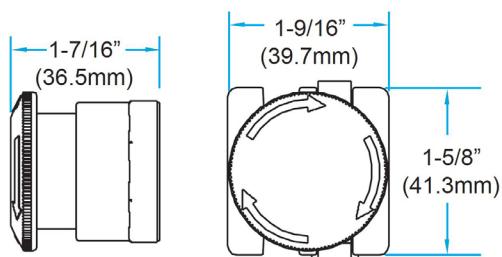


2PJ = 2-Position Push-Pull Maintained Jumbo Mushroom Cap (2 - 1/4")



Push Pull Maintained Non-Illuminated Push Buttons

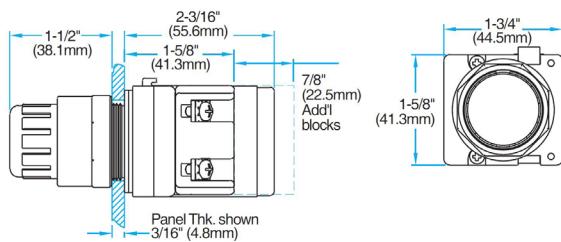
2TM = 2-Position Push-Twist Maintained Mushroom Cap (1 - 1/2")



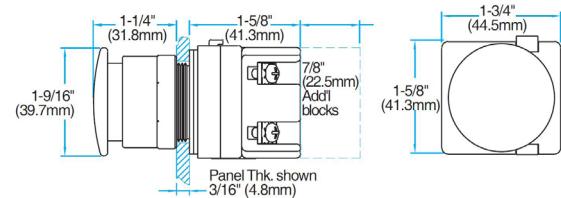
DIMENSIONAL DRAWINGS

Momentary Illuminated Push Buttons

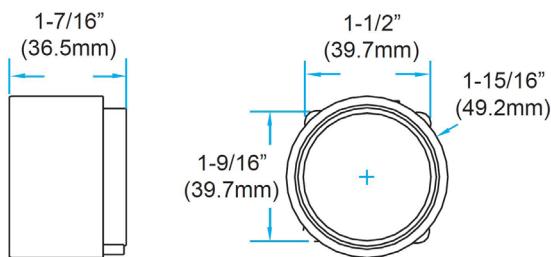
ILE = Extended Illuminated Push Button



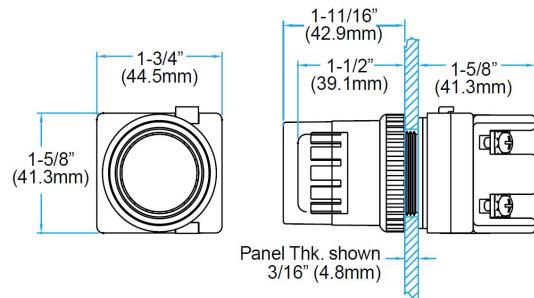
ILM = Illuminated Push Button with Mushroom Lens



ILS = Illuminated Shrouded Mushroom Lens

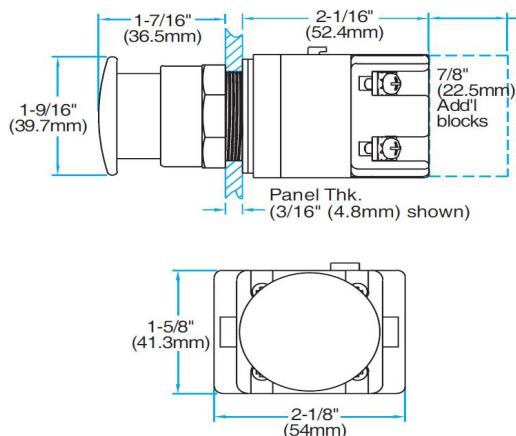


ILG = Guarded Illuminated Push Button



Push Pull Maintained Illuminated Push Buttons

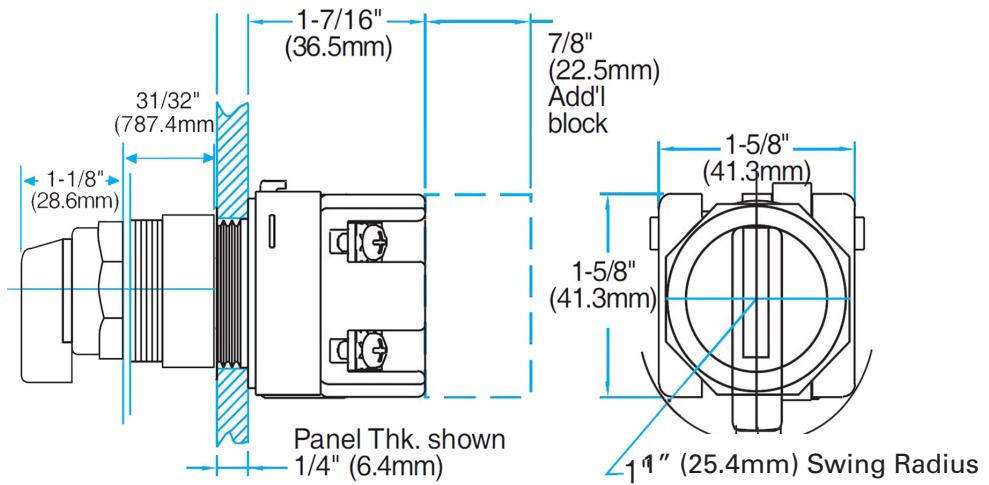
IL2P = 2-Position Push-Pull Mushroom



DIMENSIONAL DRAWINGS

Selector Switches

Selector Switch Lever Handle (Dimensions same for all Operator Functions)

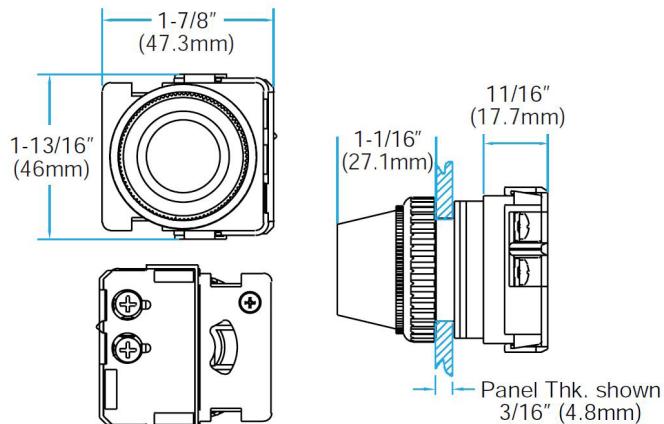


DIMENSIONAL DRAWINGS

Pilot Lights

Pilot Light (with IP20 guard)

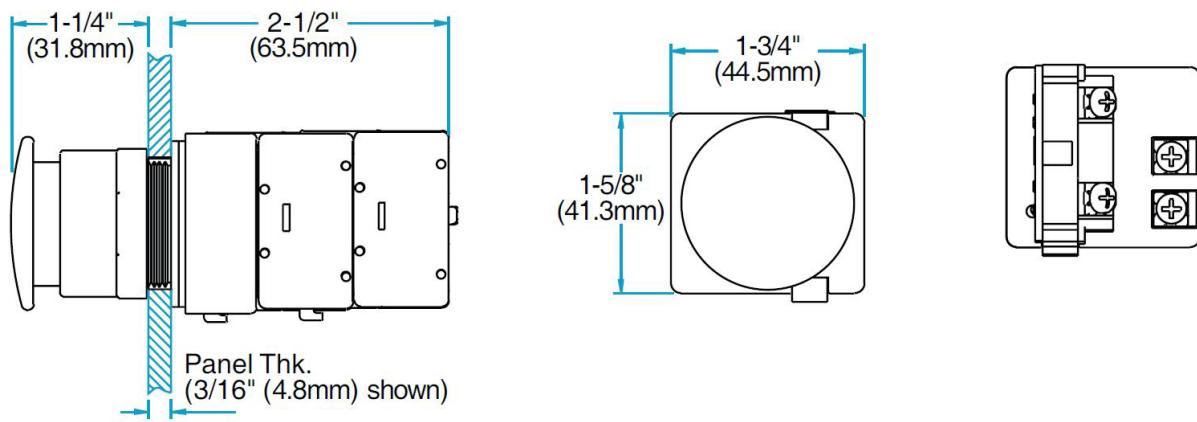
Fully-assembled operators come standard with one 3/16' (4.8mm) and two 1/16" (1.6mm) gaskets.



Push-to-Test Pilot Lights

Fully-assembled operators come standard with one 3/16' (4.8mm) and three 1/16" (1.6mm) gaskets.

TM = Mushroom Lens

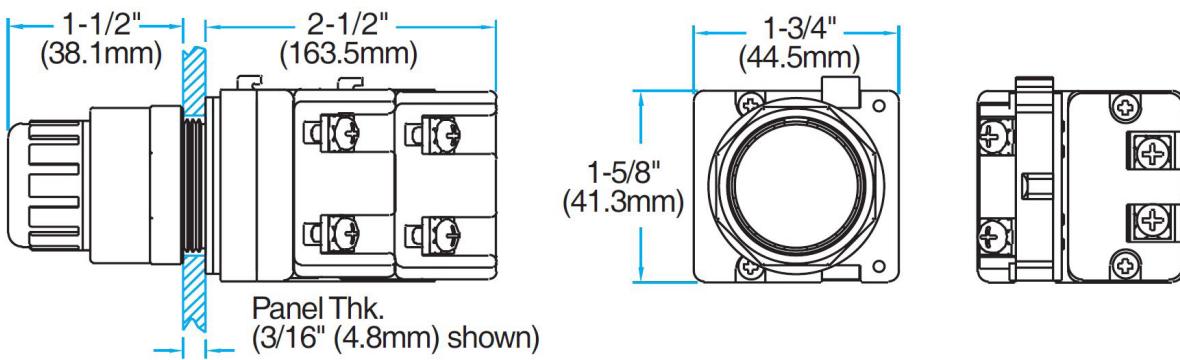


DIMENSIONAL DRAWINGS

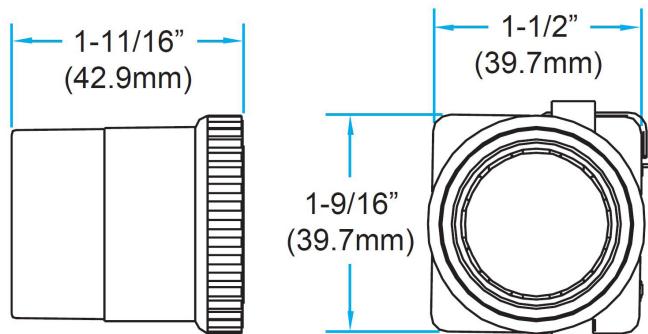
Pilot Lights

Push-to-Test Pilot Lights

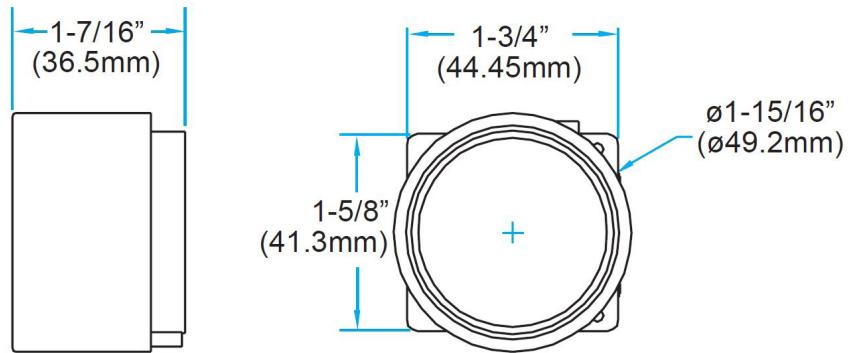
TE = Extended Lens



TG = Guarded Lens



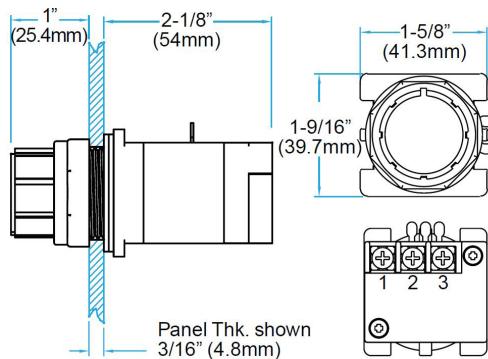
TS = Shrouded Lens



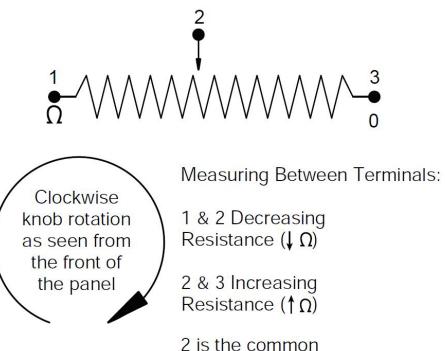
DIMENSIONAL DRAWINGS

Potentiometers

Potentiometer Operator

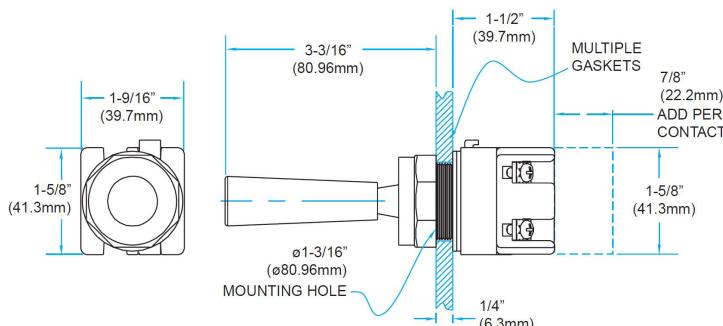


Wiring Diagram



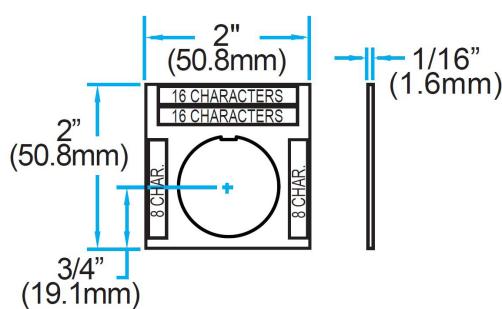
Wobble Stick

Fully-assembled operators come standard with one 3/16' (4.8mm) and three 1/16" (1.6mm) gaskets.

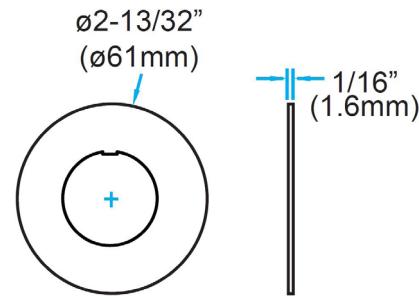


Legends

2" x 2" Square Legends



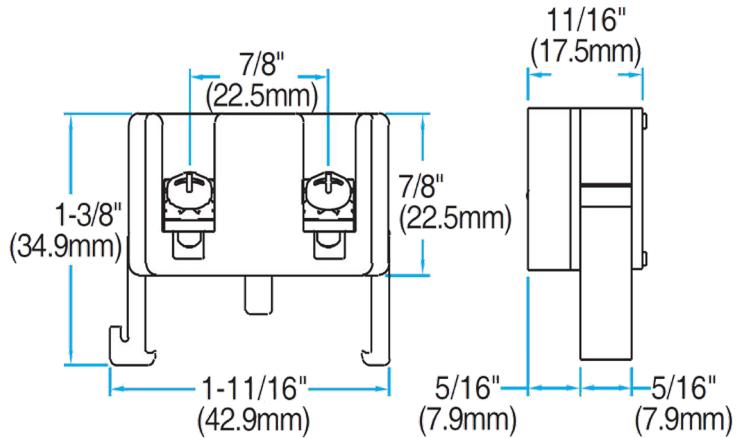
2 - 13/32" Diameter Circle Legends



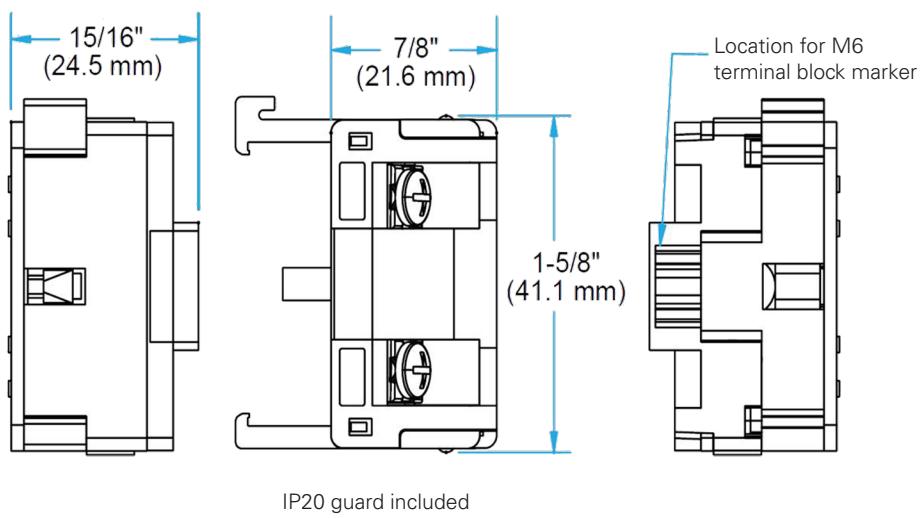
DIMENSIONAL DRAWINGS

Contact Blocks

Standard Contact Block



Contact Block (Shown with IP20 terminal guard)



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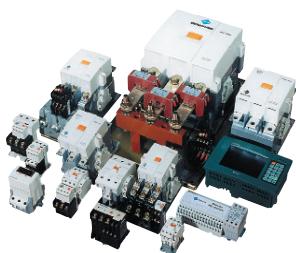


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