

Pushbuttons

Catalog Number:
52PA8A3KP



Basic Pushbutton: Green Flat

momentary with 1NO. Includes extra caps in black, red, yellow and blue and two legend plates: "On" and "Start."

Includes components:

(1) Green, momentary pushbutton with 1NO	52PA8A3K
(1) Black cap	52RA1A1
(1) Red cap	52RA1A2
(1) Yellow cap	52RA1A4
(1) Blue cap	52RA1A5
(1) "On" legend	52NL11
(1) "Start" legend	52NL03

Catalog Number:
52PA8B2JP



Basic Pushbutton: Red Extended

momentary with 1NC. Includes extra caps in black and green and two legend plates: "Stop" and "Off."

Includes components:

(1) Red, momentary extended head pushbutton with 1NC	52PA8B2J
(1) Black cap	52RA1B1
(1) Green cap	52RA1B3
(1) "Stop" legend, red	52NL04R
(1) "Off" legend	52NL12

Emergency Stop

Catalog Number:
52PP2W2AP



Push-Pull: Red Mushroom Head

2-Pos, maintained, 1 3/4" mushroom head, 1NO-1NC, includes extra 2 1/2" mushroom head, two "Stop" legends, and a 90mm ring inscribed with "Emergency Stop."

Includes components:

(1) Red, E-STOP with 1 3/4" mushroom head, 2-pos, mntd, 1NO-1NC	52PP2W2A
(1) 2 1/2" mushroom head	52RC3E2
(1) "Stop" legend, red	52NL04R
(1) "Stop" legend	52NL04
(1) E-STOP ring legend	52AAR

Pushbuttons

Catalog Number:
52PT6D2AP



Illuminated Pushbutton: Red

24V full voltage, incandescent bulb, 1NC-1NO includes extra lenses in green and amber, and two blank legend plates.

Includes components:

(1) Red, illuminated pushbutton, 24 full voltage, incandescent bulb with 1NC-1NO	52PT6D2A
(1) Green lens	52RA5P3
(1) Amber lens	52RA5P9
(2) Blank legend	52NL02

Catalog Number:
52PT6G2AP



Illuminated Pushbutton: Red

120V transformer, incandescent bulb, 1NC-1NO includes extra lenses in green and amber, and two blank legend plates.

Includes components:

(1) Red, illuminated Pushbutton, 120V transformer, incandescent bulb with 1NC-1NO	52PT6G2A
(1) Green lens	52RA5P3
(1) Amber lens	52RA5P9
(2) Blank legend	52NL02

Emergency Stop

Catalog Number:
52PR8W2AP



Twist-to-Release: Red Mushroom Head

2-Pos, maintained, 1 3/4" mushroom head, 1NO-1NC, two "Stop" legends, and a 90mm ring inscribed with "Emergency Stop."

Includes components:

(1) Red, E-STOP with 1 3/4" mushroom head, 2pos, mntd, 1NO-1NC	52PR8W2A
(1) "Stop" legend, red	52NL04R
(1) "Stop" legend	52NL04
(1) E-STOP ring legend	52AAR

Selector Switch

Catalog Number:
52SA2CABA1P



Selector Switch:

3 Position maintained, short lever, 1NO-1NC, with two legend plates: "Hand-Off-Auto" and "For-Off-Rev."

Includes components:

(1) 3-Position maintained short lever selector switch with 1NO-1NC	52SA2CABA1
(1) "Hand-Off-Auto" legend	52NL37
(1) "For-Off-Rev" legend	52NL38

Catalog Number:
52SA2AABA1P



Selector Switch:

2 Position maintained, short lever, 1NO-1NC, with two legend plates: "Forward-Reversing" and "Off-On."

Includes components:

(1) 2-Position maintained short lever selector switch with 1NO-1NC	52SA2AABA1
(1) "Forward-Reversing" Legend	52NL31
(1) "Off-On" Legend	52NL26

Display Stand

Catalog Number:
52STANDPOP

Point of Purchase Display Stand

Two side swivel display stand.

POP Stand

52STANDPOP

Complete Convenience Center

Catalog number: POP2010

Complete Point-of-Purchase Convenience Center

This starter kit features all of the devices and stand required for you to start selling Siemens.

Includes point of-purchase components:

- | | |
|---|-------------|
| (8) Pilot Light: Red, 120V Transformer | 52PL4G2P |
| (4) Pilot Light: Red, 24V Full Voltage | 52PL4E2P |
| (4) Pilot Light: Red, 120V Full Voltage | 52PL4D2P |
| (8) Basic Pushbutton: Red Extended, 1NC | 52PA8B2JP |
| (4) Basic Pushbutton: Green Flat, 1NO | 52PA8A3KP |
| (4) Push-Pull E-STOP: Red Mushroom Head | 52PP2W2AP |
| (4) Twist-to-Release E-STOP: Red Mushroom Head | 52PR8W2AP |
| (4) Selector Switch: 3-Pos, Maintained | 52SA2CABA1P |
| (4) Selector Switch: 2-Pos, Maintained | 52SA2AABA1P |
| (4) Illuminated Pushbutton: Red, 24V Full Voltage | 52PT6D2AP |
| (4) Illuminated Pushbutton: Red, 120V Transformer | 52PT6G2AP |
| (4) 30mm Pushbutton Station: 1 Hole | P30EMS01P |
| (2) 30mm Pushbutton Station: 2 Hole | P30EMS02P |
| (2) 30mm Pushbutton Station: 3 Hole | P30EMS03P |
| (1) Point of Purchase Display Stand | 52STANDPOP |



Point-of-Purchase Features and Benefits

30mm Product Features

- Meets NEMA type 1, 3, 4, 4X, 12 and automotive standards
- Heavy duty rated NEMA A600 contacts
- Bifurcated movable contacts with touch safe terminals
- UL listed file #E22655
- CSA certified file #LR6535

Convenience Center Benefits

- Attractive clear clam shell packaging of the most common 30mm pilot devices
- Alternative legend plates, various colors of lenses, caps and operating heads are included where applicable
- New break-away lid master box design for easy stocking, selecting and counter display



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Order No: GCBR-PDPOP-0110
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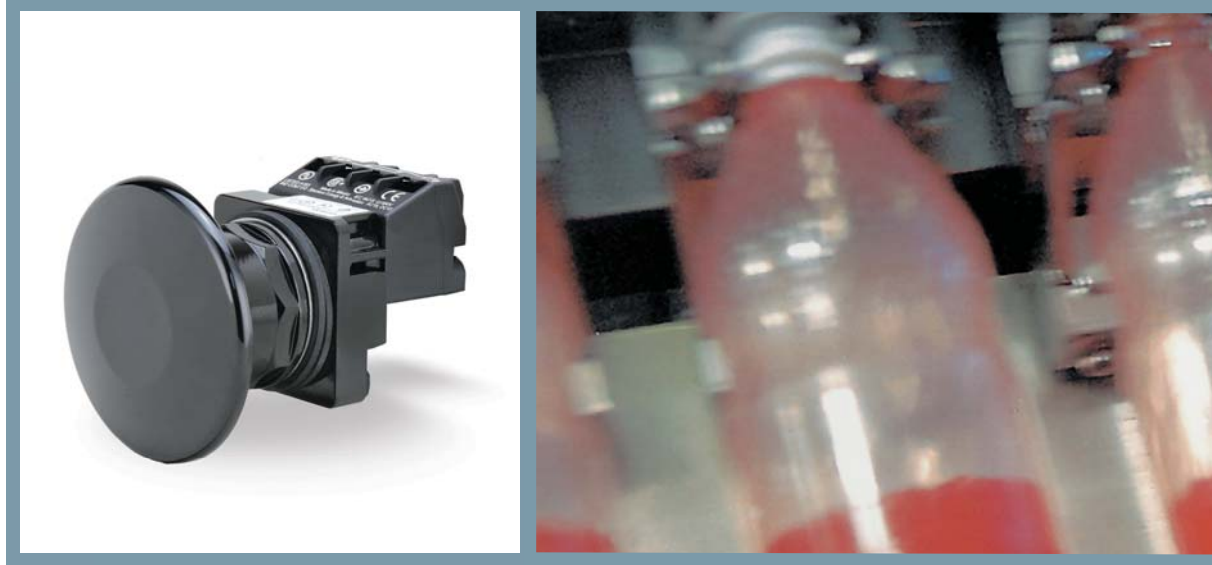
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The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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Non-Illuminated Push-Pull Units



Ordering Guide: Non-Illuminated Push-Pull Units

Example:

52PP2W2A

- Push-Pull Pushbutton, 30mm
- Chrome
- 2-Pos, Maintained
- Red, Non-Illuminated
- 1 3/4" Plastic
- 1NO-1NC

52BP3A2

- Push-Pull Pushbutton, 30mm
- BlackMax
- 3-Pos, Momentary
- Red, Non-Illuminated
- 1 3/4" Metal

Selection	1	2	3	4	5	6	7
Catalog Number	52	P	P	2	W	2	A

Use the selection information below to build your non-illuminated push-pull unit catalog number. Please contact your Siemens account manager for further ordering details.

Selection (1)

Class
52 30mm
(Oil Tight Products)

(2)

Finish
P Chrome
B BlackMax – NEMA 4X

(3)

Product Type
P Non-Illuminated Push-Pull

(4)

Function
2 2 Pos: Maintained¹
3 3 Pos: Momentary
7 3 Pos: Maintained in, Momentary out

Selection (5)

Style
A Small Metal - 1 3/4"
W Small Plastic - 1 3/4"
V Large Plastic - 2 1/2"
X Less operating head

(6)

Color
Metal
2 Red
3 Green
C Chrome

Plastic

1 Black
2 Red
3 Green
4 Yellow
5 Blue
6 Grey
8 Orange

No Operating Head

Z Less head

(7)

Optional Contact Blocks

2 Pos Options

A 1 NO - 1 NC (1-52BJK)

3 Pos Options

U 1 NC - 1 NC extra late break²
(1-52BAJ, 1-52BAU)

Additional contact block arrangements are available upon request. See contact block table on page 32 for a complete list of contact block offerings.

¹ Cat. No. 52BP and 52PP, 2 Position, Push Pull Maintained operators provided with red operating heads and 52BJK contact blocks meet the requirements of EN 60947-5-5 for Electrical Emergency Stop Device With Mechanical Latching Function (e-stop).

² Blocks cannot be interchanged (stop-start circuit - pull to start, push to stop).

General Information

UL and CSA

- UL 508 Industrial Control Equipment
- CSA 22.2 No. 14-05. Industrial Control Equipment

NEMA Types 1, 3, 4, 4X, 12 and 13

IP 10, 11, 14, 52, 54, 56, 57, 67 (front), 20 (back)

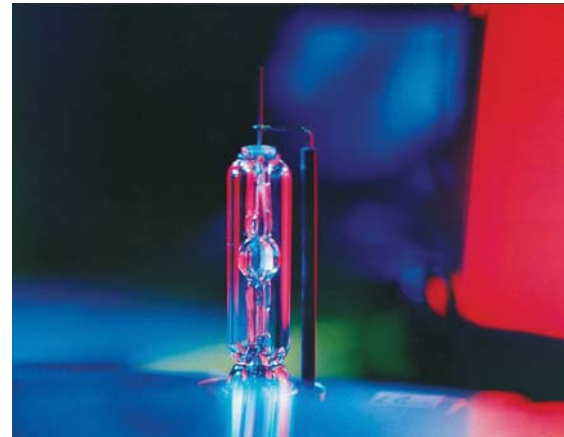
CE Mark

- EN 60947-5-1 Ed. 2.2 (Low-voltage switchgear and control gear – Part 5-1: Control Circuit Devices and Switching Elements – Electromechanical Control Circuit Devices)

IEC 60529

NEMA ICS 5

Annex F-2002
High Pressure Power Wash



FAQs

1. What are the new products and features available for the 30mm pilot devices?

a - Previous Generation Improvements:

- I - Modular Lighting Modules – Enabling easy replacement and ability to order as a kit
- II - Ribbed Concentric Lens – Increasing light distribution on the Pilot Lights and Push-to-Test units
- III - Components and features – Enhancing and updating to support our customers with even better designs and aesthetics

b - New Products

- I - Integrated LED Modules
- II - Twist-to-Release
- III - 3-Position Push-to-Maintained
- IV - IEC 6094755 Rated E-Stops for European Market (includes red 2-position push-pull and twist-to-release units)

2. Can I mix new product with the old?

a - The main constraint from a product mix perspective is using one generation per grouping. For example, don't mix different generations of Pilot Lights.

3. Are the components interchangeable between generations?

a - For the most part, the answer is no. Components and accessories should be used for a specific generation.

4. How do I select products for the 30mm Pilot Devices? What cross-reference tools are available?

a - Selecting New Generation Products

- I - 30mm Pilot Devices Brochure (this document)
- II - 2010 Industrial Controls Catalog - Section 10
- III - Sielect Online Catalog (<http://sielect.sea.siemens.com>)

b - Old Generation Products

- I - 2006 Industrial Controls Catalog - Section 10
- II - Accessories can be found in the 2010 Industrial Controls Catalog - Section 10

c - Cross-Reference Tools

- I - Sielect Online Catalog (<http://sielect.sea.siemens.com>) has downloads for cross-reference tools (excel based).
- II - 30mm Pilot Devices Brochure (this document) contains cross-reference tables of stocked product.
- III - Pushbutton and Pilot Devices Internet Site has downloads for cross-reference tools (excel based).

5. What are BlackMax products?

a - BlackMax/NEMA4X provides a corrosion resistant epoxy fluorocarbon coating. Examples of the protection include: hydraulic fluid, methyl ethyl ketone, H-D lube oil, and trichloroethylene.

6. What is the difference between glass and plastic lens?

a - Plastic lens provide an attractive ribbed/grooved design. Glass lens provide lenses that are noticeably sleek and are made of a robust durable glass. Glass lens are very aesthetically sharp.

7. What is an LED Module? What is the key benefit?

a - The integrated LED modules are a single unit combining all the features of a LED bulb and lighting module into one. These will have extended life and are the most resistant to vibration.

8. Why are stock products listed in the guide with such emphasis?

a - Choosing a stock product will generally give the quickest delivery for our Pilot Devices. Therefore, we are making every effort to provide what's available at our Distribution Center.