

# COMPACT



## FEATURES AT A GLANCE:

- Variety of options, including light up push button, signal light, selection switch, key-operated switch and emergency stop
- Two sizes: 22.3 mm or 30.3 mm diameter with a mounting height of 30.4 mm or 36.7 mm respectively
- IP65, IP66, IP67 or IP69 rated (depending on the model used)
- Provides assembly options for machine and plant enclosures
- TÜV certified, cURus for the US and Canadian markets

## COMPACT COMMAND DEVICES

### EXPERIENCE A NEW DIMENSION OF COMMAND DEVICES

Compact, flexible and easy to install – these are just a few words to describe the new compact control devices Murrelektronik is adding to its current lineup of push buttons with M12 connections. In addition to the compact design, this series is characterized by a wide range of low-profile models. Combined with easy and flexible mounting brackets these features open up new mounting options for installers.

## ADVANTAGES OF COMPACT COMMAND DEVICES

- Economical: No extra housing required. "Plug&Play" M12 connection doesn't require special skills to connect.
- Practical: Mounting brackets (sold separately) allow for mounting on aluminum profiles or other flat surfaces.
- Matched: The pin assignment is keyed for fieldbus modules.
- High-quality: The 30 mm models (excluding the emergency stop) have a stainless-steel ring which gives them a high-quality look and feel.
- Flexible: With the help of different bezels, you can choose the display color. The bezels are sold as a set and include yellow, black, green, red and blue.
- Clear: Identification is made simple when you use the label sheets (sold separately and suitable for use in most laser printers).

## SIMPLE ASSEMBLY

Mounting the new compact push buttons is very simple. The design, with a low installation height, allows for more mounting options. The push button mounting bracket allows you to select one of four different mounting angles without changing the housing. It also allows you to use an angled connector when necessary. The simple hook up via a 4 or 5-pole molded M12 cable not only ensures fast wiring, but also eliminates the risk of wiring errors. This means anyone can replace a cable if necessary.



## NO WIRING ERRORS

The simple connection via a pre-assembled M12 cable (4 or 5-pin) not only ensures fast wiring, but also eliminates the risk of wiring errors. Even personnel without special can easily replace a cable if necessary exchange.



## SMALL DIMENSIONS, GREAT PROFITABILITY!

No extra housing and lower wiring costs: Compared to standard screw terminal housings, Murrelektronik's new compact push buttons significantly lower overall costs and are still tight all around!

## WIDE RANGE



## COMPACT VARIANTS 22 MM

(mounting hole 22.3 mm)

- Button with illumination (R button 22)
- Signal lamp (S-Lamp 22)
- Key switch (K-Switch 22)
- Selector switch (S-Switch 22)
- Emergency stop (E-Stop 22)

## COMPACT DESIGN VARIANTS 30 MM

(mounting hole 30.3 mm)

- Button with illumination (R-Button 30 S)
- Pushbutton with stainless steel bezel and ring illumination (R-Button 30 DS)
- Signal lamp (S-Lamp 30 S)
- Key switch (K-Switch 30 S)
- Selector switch (S-Switch 30 S)
- Emergency stop (E-Stop 30)



# ORDERING INFORMATION

## 30mm Compact Models

	Description	Art.-No.
	<b>R-Button 30 1NO L M12(4)</b> Illuminated reset button; Frontring stainless steel; Connection M12 (4-pole)	<b>69110</b>
	<b>S-Lamp 30 S L M12(4)</b> Lamp; Frontring stainless steel; Connection M12 (4-pole)	<b>69115</b>
	<b>S-Switch 30 S 2NO 1x40SR M12(4)</b> Select switch 1x40° spring return; Frontring stainless steel ; Connection M12 (4-pole)	<b>69120</b>
	<b>S-Switch 30 S 2NO 1x90LO M12(4)</b> Select switch 1x90° locked; Frontring stainless steel; Connection M12 (4-pole)	<b>69121</b>
	<b>E-Stop 30 2NC M12(4)</b> Emergency-Stop; Connection M12 (4-pole)	<b>69100</b>
	<b>E-Stop 30 2NC M12(5)</b> Emergency-Stop; Connection M12 (5-pole)	<b>69101</b>
	<b>K-Switch 30 S 2NO 1x40SR M12(4)</b> Keylock switch 1x40° spring return; Frontring stainless steel; Connection M12 (4-pole)	<b>69130</b>
	<b>K-Switch 30 S 2NO 1x90LO M12(4)</b> Keylock switch 1x90° locked; Frontring stainless steel; Connection M12 (4-pole)	<b>69131</b>
	<b>R-Button 30 DS 1NO L M12(4)</b> Illuminated reset button; Frontring and bezel stainless steel; Connection M12 (4-pole)	<b>69111</b>

## 22mm Compact Models

	Description	Art.-No.
	<b>R-Button 22 1NO L M12(4)</b> Illuminated reset button; Connection M12 (4-pole)	<b>69060</b>
	<b>S-Lamp 22 L M12(4)</b> Lamp; Connection M12 (4-pole)	<b>69065</b>
	<b>S-Switch 22 2NO 1x40SR M12(4)</b> Select switch 1x40° spring return; Connection M12 (4-pole)	<b>69070</b>
	<b>S-Switch 22 2NO 1x90LO M12(4)</b> Select switch 1x90° locked; Connection M12 (4-pole)	<b>69071</b>
	<b>E-Stop 22 2NC M12(4)</b> Emergency-Stop; Connection M12 (4-pole)	<b>69050</b>
	<b>E-Stop 22 2NC M12(5)</b> Emergency-Stop; Connection M12 (5-pole)	<b>69051</b>
	<b>K-Switch 22 2NO 1x40SR M12(4)</b> Keylock switch 1x40° spring return; Connection M12 (4-pole)	<b>69080</b>
	<b>K-Switch 22 2NO 1x90LO M12(4)</b> Keylock switch 1x90° locked; Connection M12 (4-pole)	<b>69081</b>

## Accessories

	Description	Art.-No.
	Mounting bracket for 22 mm variants	<b>69090</b>
	Mounting bracket for 30 mm variants	<b>69091</b>
	Set of 5-color bezels for variants 69060, 69065, 69110 and 69115	<b>69140</b>
	Two spare keys for the variants 69130 and 69080	<b>69093</b>
	Two spare keys for the variants 69131 and 69081	<b>69094</b>

	Description	Art.-No.
	Labeling sheet for laser printer with 54 labels for the variants 69060, 69065, 69110 and 69115  A template is available in the online shop	<b>69142</b>
	Label holder for all 22 mm variants  Labeling plate e.g. Murrplastik 8610200073	<b>69092</b>