

RMQ small E-Stop

MOELLER
SERIES

The small emergency-stop button: small device, big impact



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The small emergency-stop button: RMQ small E-Stop

Compelling all around

The small emergency-stop button from the RMQ range combines functionality, safety and a unique, compact design. The small E-Stop button is an innovative control element that stands out for its compact size and novel illumination system, as well as for its modern design, proven quality and compatibility with the entire Eaton product range.

Safely, illuminated

The innovative 360° illuminated ring can fulfil a wide range of functions depending on the area of application. Whether as an indicator for actuation of the emergency-stop button, as an indication of the machine status or as a simple style element, the lighting contributes to a significant increase in visibility and thus to improved safety. Thanks to the RGB LED element, it is possible to change between up to seven colours.

Sturdy and safe

The high degree of protection (IP69) makes the device easy to install and use in virtually all environmental conditions. The E-Stop pushbutton is optimally protected against both water and dust.

Maximum flexibility

Due to its modularity, the small E-Stop can be integrated with the entire RMQ range and is flexible and easy to integrate into a wide variety of applications thanks to its simple one-hand installation (plug and play). Comprehensive approvals and certificates enable worldwide use.

The perfect size

The compact emergency-stop button is available in diameters of 22 mm and 30 mm. Thanks to its frame size of only 30 mm, it is around 30% smaller than the standard components and fits seamlessly into most applications. It is therefore ideally suited for flat, cutting-edge panels as well as for machines and other applications.

Save time and money

The devices are compatible with the entire Eaton product range, which makes them quick and easy to replace. With the Pushbutton Configurator, countless operating elements can be combined and individually adapted as required. In addition, the configurator simplifies and accelerates the ordering process, since all configurations are stored and can easily be retrieved.



Technical data

- IP65, IP66 and IP69 degree of protection
- Compatible with entire RMQ range (positively open contacts and Flar rear contact elements)
- Optional self-monitoring contacts
- One-hand assembly
- Optional RGB LEDs → 360° illuminated ring that can light up in any color

Variants












- Turn-to-release or pull-to-release
- With or without illuminated ring
- Illuminated lens
- Mounting diameter of 22 mm or 30 mm
- Red or black

Design

- The perfect size, with a button diameter of 30 mm
- Innovative illuminated ring
- Small height of 30 mm
- Blends in harmoniously with the design of existing machines/applications

Features

- Certifications in accordance with EN ISO 13850
- Approvals: CE/UL/CSA/CCC
- Tested to DIN EN 60947-5-5
- TÜV Süd approval

Sample pictures	Mounting diameter	Color	Illumination	Unlocking method	Article no.
	22 mm		no	pull	M22-PV30 197535
	22 mm		no	turn	M22-PVT30 197536
	22 mm		yes	pull	M22-PVL30 197537
	22 mm		yes	turn	M22-PVLT30 197538
	22 mm		no	pull	M22S-PV30* 197539
	22 mm		yes	pull	M22S-PVL30* 197541
	30 mm		no	pull	M30-PV30 197543
	30 mm		no	turn	M30-PVT30 197544
	30 mm		yes	pull	M30-PVL30 197545
	30 mm		yes	turn	M30-PVLT30 197546
	30 mm		no	pull	M30S-PV30* 197547
	30 mm		yes	pull	M30S-PVL30* 197549


*Devices with a black color must not be used as emergency stops.

Great accessories:




Flat rear NC contact:	M22-FK01 180791
RGB LED:	M22-FLED-RGB 180800
Guard Ring:	M22-XGPV30 198596*
Yellow Enclosure:	M22-FIY1 197231*

*not to be used with M30 variants

	Description	Contact elements	Illumination	Unlocking method	Article no.
Small E-Stop (incl. contact)					
	E-stop (turn) / 1NO/2NC	1NO/2NC	-	turn	M22-PVT30/FK12 199749
	E-stop (turn) / 2NC	2NC	-	turn	M22-PVT30/FK02 199750
	E-stop / 1NO/2NC	1NO/2NC	-	pull	M22-PV30/FK12 199731
	E-stop / 2NC	2NC	-	pull	M22S-PV30/FK02 199732

Complete Assemblies (E-stop, Enclosure, Contact elements)

	Yellow enclosure / E-stop / 1NO/1NC	1No/1NC	-	pull	M22-PV30/FK11/FIY1 199348
	Yellow enclosure / E-stop (turn) / 1NO/1NC	1No/1NC	-	turn	M22-PVT30/FK11/FIY1 199349
	Yellow enclosure / E-stop (illuminated)/ 1NO/1NC /LED (green,red)	1No/1NC	LED (green/red)	pull	M22-PVL30/FK11/RG/FIY1 199350
	Yellow enclosure / E-stop (illuminated, turn)/ 1NO/1NC /LED (green,red)	1No/1NC	LED (green/red)	turn	M22-PVLT30/FK11/RG/FIY1 199351
	Yellow enclosure / E-stop / 2NC	2NC	-	pull	M22-PV30/FK02/FIY1 199352
	Yellow enclosure / E-stop (turn) / 2NC	2NC	-	turn	M22-PVT30/FK02/FIY1 199353
	Yellow enclosure / E-stop (illuminated) / 2NC / LED (green,red)	2NC	LED (green/red)	pull	M22-PVL30/FK02/RG/FIY1 199354
	Yellow enclosure / E-stop (illuminated, turn) / 2NC / LED (green,red)	2NC	LED (green/red)	turn	M22-PVLT30/FK02/RG/FIY1 199355

For further information, please consult the Pushbutton Configurator.
www.eaton.com/config/rmq