

22mm Emergency Stops



Industry leading breadth and ratings.

As safety becomes more prevalent in both facility and machine design, Eaton continues to develop emergency stop pilot devices with industry leading breadth and ratings. With 25 styles of IP67/69k operators, multiple shrouds and guards, self-monitoring contact blocks, and unique illumination devices, Eaton 22mm emergency stops offer reliable protection while carrying numerous global certification ratings.



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Safety-rated

Eaton 22mm emergency stops meet multiple industry safety standards. These durable buttons can be used in functional safety applications up to Category 4, PLe or Sil 3 and meet several product safety standards for emergency stops including: IEC 60947-5, ISO 13850, IEC 60204, and NFPA 79.

Compact Style

Also available in a monolithic design, the C22 emergency stop provides a simple, efficient installation and increased safety while in operation. The all-in-one design of the C22 emergency stop has built-in contacts that eliminate the need for self-monitoring contacts blocks.



Self-Monitoring Contact Block

The M22 self-monitoring contact block offers additional safety in emergency stop applications. This device contains an additional normally open contact that uses a unique plunger to monitor whether the contact block is still attached to the operator. In the event that the contact block detaches from the emergency stop button, the self-monitoring contact block opens the circuit and stops the system – providing an extra safety measure.



Multiple options for multiple applications.

The 22mm emergency stops are available in a variety of operator styles and sizes allowing for use in multiple industrial applications.


















The 22mm emergency stop with illuminated ring.

For more information on Eaton e-stops visit:

www.eaton.com/22mm

Configuration Options

Twist-to-Release

	Non-illuminated	LED Illumination	Mechanical Indication	Key Release
	 Pictured: M22 35mm	 Pictured: M22 35mm	 Pictured: M22 60mm	 Pictured: C22 60mm
35mm	M22 	M22 	–	M22 
45mm	M22, C22 	M22 	M22 	M22, C22 
60mm	M22, C22 	M22 	M22 	M22, C22 

Push-Pull

	Non-illuminated	LED Illumination	Mechanical Indication
	 Pictured: C22 45mm	 Pictured: M22 35mm	 Pictured: M22 45mm
35mm	M22 	M22 	–
45mm	M22 	M22 	M22 
60mm	M22 	M22 	M22 

Enclosure Options

IP69K



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M22 Twist-to-Release, Mushroom Head Emergency-STOP Pushbuttons



The new Emergency-STOP or Emergency-OFF buttons for the worldwide usable control circuit device are available as mushroom heads with a diameter of 45 or 60 mm. They are available with and without a key, twist-release, non-illuminated, illuminated with standard LED or with mechanical switch position display (green/red) in the center of the actuation element.



Emergency-Stop/Emergency-Off buttons on machines or systems can be made more clearly recognizable with the optionally available luminous ring. Even in dark environments, the position of the Emergency-Stop/Emergency-Off button is clearly identified. The luminous ring reliably indicates the operating state from long distances. In the activated state, for example, three separately controllable LED rows can be activated as a running light.

M22 Emergency-Stop Pushbuttons are tamper-proof in compliance with EN ISO 13850 and conform to the European and international safety standards to EN60204 and IEC60204. The products are also UL/CSA Listed and carry an IP67/IP69 rating. In addition, the offering is also compliant to Germanischen Lloyd and Lloyd's Register of Shipping.

Emergency-Stop and Emergency-Off buttons in palm switch format

	Description	Catalog number
	Twist-release	
	45mm	M22-PVT45P
	60mm	M22-PVT60P
	Twist-release and illuminated LED	
	45mm	M22-PVLT45P
	60mm	M22-PVLT60P
	Twist-release, mechanical switch position display	
	45mm	M22-PVT45P-MPI
	60mm	M22-PVT60P-MPI
	Key release	
	45mm, Key MS1	M22-PVS45P
	45mm, Key MS2-8*	M22-PVS45P-MS*
	60mm, Key MS1	M22-PVS60P
	60mm, Key MS2-8*	M22-PVS60P-MS*
	Key-release with key RONIS455	
	45mm	M22-PVS45P-RS
	60mm	M22-PVS60P-RS
	Luminous rings	
	24V AC / DC, 3 separately controllable LED rows (e.g.: for running light)	M22-XPV60-Y-24
	120V AC 50/60 Hz	M22-XPV60-Y-120
	230V AC 50/60Hz	M22-XPV60-Y-230
	Self-monitoring contact blocks (1 NC & 1 NO in series)	
	Front mount, screw terminals, 1NC	M22-K01SMC10
	Front mount, screw terminals, 2NC	M22-K02SMC10
	Base mount, screw terminals, 1NC	M22-KC01SMC10
	Base mount, screw terminals, 2NC	M22-KC02SMC10

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