

In good shape – safe shut down
New Emergency-STOP push button RMQ-Titan

Safety Technology

LED

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

The self-monitoring contact elements provide comprehensive operational safety: even with incorrect installation or when actuated very forcefully. For this purpose, the modular contact element design provides a second contact for detection of the mechanical connection to the Emergency-Stop actuation element in addition to the "Emergency-Off" normally closed contact. The contact elements are available for front or base fixing for 1 or 2 channel safety switches and are compliant up to SIL 3 to IEC 62061 or Performance Level PL e to EN ISO 13849-1.

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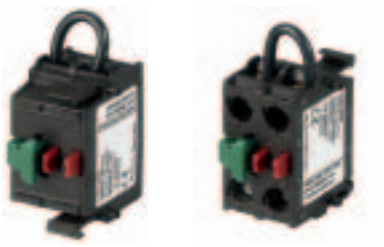
Emergency-Stop/Emergency-Off buttons on machines or systems can be made more clearly recognizable with the optionally available luminous ring. Even in dark environments, the position of the Emergency-Stop/Emergency-Off button is clearly identified. The luminous ring reliably indicates the operating state from long distances. In the activated state, for example, three separately controllable LED rows can be activated as a running light.
M22 Emergency-Stop/Off buttons in degree of protection IP67 and IP69K are tamper-proof in compliance with EN ISO 13850 and conform to the European and international safety standards to EN60204 and IEC60204. Approvals compliant to UL/CSA, ATEX approval for Zone 22 (application in areas, which are most endangered by a dust explosion-hazard) as well as the shipping classifications for Germanischen Lloyd and Lloyd's Register of Shipping are in preparation.

EMERGENCY-STOP and EMERGENCY-OFF buttons in palm switch format			
	Description	**Part no.**	**Article no.**
	**Turn-release**		
	45mm	**M22-PVT45P**	121462
	60mm	**M22-PVT60P**	121464
	**Turn-release and illuminated (with standard LED)**		
	45mm	**M22-PVLT45P**	121460
	60mm	**M22-PVLT60P**	121461
	**Turn-release, mechanical switch position display**		
	45mm	**M22-PVT45P-MPI**	121463
	60mm	**M22-PVT60P-MPI**	121465
	**Key release**		
	45mm, Key MS1	**M22-PVS45P-MS1**	121468
	45mm, Key MS2-20	**M22-PVS45P-MS***	121470
	60mm, Key MS1	**M22-PVS60P-MS1**	121469
	60mm, Key MS2-20	**M22-PVS60P-MS***	121471
	**Key-release with key RONIS455**		
	45mm	**M22-PVS45P-RS**	121466
	60mm	**M22-PVS60P-RS**	121467
	**Self-monitoring contact** (1 NC & 1 NO in series)		
	Front fixing, screw terminals, 1NC, 1NO	**M22-K01SMC10**	121472
	Front fixing, screw terminals, 2NC, 2NO	**M22-K02SMC10**	121474
	Base fixing, screw terminals, 1NC, 1NO	**M22-KC01SMC10**	121473
	Base fixing, screw terminals, 2NC, 2NO	**M22-KC02SMC10**	121720
	**Luminous rings**		
	24V AC / DC, 3 separately controllable LED rows (e.g.: for running light)	**M22-XPV60-Y-24**	121477
	120V AC 50/60 Hz	**M22-XPV60-Y-120**	121476
	230V AC 50/60Hz	**M22-XPV60-Y-230**	138280

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