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RMQ Titan Description



Aesthetics and functionality

Attractive looks and practical operation – this combination is exemplified by industrial design from Moeller. The new RMQ Titan Control Circuit Devices program underscores this claim. The titanium-coloured front ring lends the program its name – and offers the devices and systems in a modern package with numerous application advantages. Naturally, RMQ Titan Control Circuit Devices are designed for worldwide application. They comply with all relevant international standards such as IEC/EN 60 947 as well as certification requirements and guidelines such as UL and CE. The high IP 66 degree of protection permits use in rugged industrial applications. The program is therefore extremely flexible.

Practical orientation that pays off

The ergonomic design of the new control circuit devices pays dividends in daily use. Button elements, for instance, are correctly shaped for the fingertips. Indicator lights are fitted with specially developed lenses which guarantee perfect illumination.

Colours speak louder than words

A clear colour signal replaces long explanations. Specified colours are assigned commands and meanings which are internationally understood. The illuminated operating elements and Indicator lights clearly display these colours even in darkness or distraction from other lights. To prevent yellow light from filament bulbs interfering with the lens colours, RMQ Titan Control Circuit Devices are provided with LEDs in red, green, white and also blue, when required.

LEDs – dependable, economical lighting elements

LEDs require less current and thus produce less heat than filament bulbs. They also have no thin little wires that often burn through after a time or break due to shock or vibration. In fact, LEDs are completely vibration-proof and they function 100,000 hours non-stop with no loss of signal data. With no chance of sudden outages, device monitoring is best ensured.



11.5 years non-stop – a far-sighted decision

100,000 operating hours corresponds to 11.5 years in constant operation. After this length of time, RMQ Titan LED elements do not simply go out – their illumination intensity has simply dropped by half. Replacing a lamp is just as superfluous as planning and wiring a new lamp circuit. Even ordering is simplified since the LED and holder are delivered as a complete unit. With two voltage ranges from 18 – 30 VAC/DC and 85 – 264 V AC, all common applications are covered. Storage requirements are thus reduced considerably as well.



LED – illuminating the future for control circuit devices

RMQ Titan

Description



RMQ Titan sheds light on all processes

Whether in the control panel or, for example, in suspension panels, signals are securely transmitted with RMQ Titan. The new illuminated emergency stop button has an integrated indicator light. This safety component is thus highly visible even in darkened rooms, eliminating the need for a separate indicator light. Important alarms can now be further reinforced by a warning tone: the buzzer in the RMQ Titan program ensures that a danger will be more quickly recognized by sounding a piercing, continuous tone.

Special buttons for special demands

Especially dangerous production processes require not only the full concentration of service personnel but also special operating elements. Control devices – mushroom actuators with large button surfaces, for example – provide more security because their shape contrasts with other operating elements and they can also be easily pressed when wearing gloves. Key-operated actuators ensure that certain functions can only be controlled by specialist personnel. These actuators are especially space-saving with RMQ Titan whereby assembled height has been reduced by 50 %.

The double push-button actuators combine up to three functions in one mounting location. An integrated indicator light, for example, is thus optional. For especially rugged industrial applications, individual actuators can be protected from dust, flour, cement, etc. with diaphragms. The special form of actuator diaphragm and the high IP 67 degree of protection also permits application in food industries, in which machines must be frequently cleaned.

Flexibility for individual mounting

RMQ Titan fits into the 22.3 mm standard bore. Up to six contact elements can be snapped on in two levels behind the front. The actuators have become more flush and mounting depth optimized overall. Therefore, a simple switch can now fit into standard commercial wall outlets.

As customary, three mounting styles are possible: flush, surface, and rear. On surface mounting enclosures, the fixing adapter is already integrated into the bottom of the enclosure. Telescopic clips are provided for use in control panels to adjust varying panel depths.

Made-to-measure symbols and text

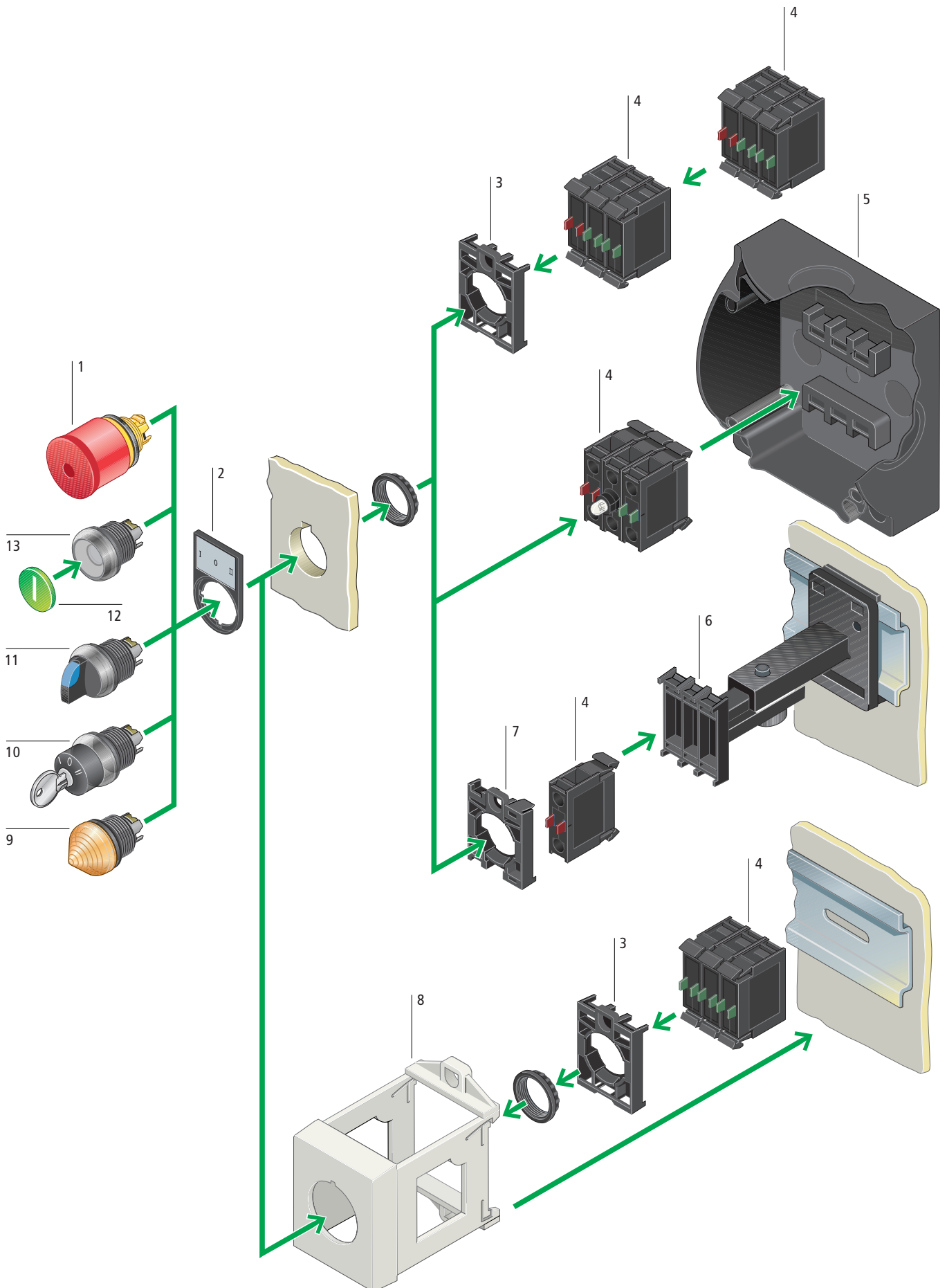
All button plates, indicator lights and additional button plates from the RMQ Titan Control Circuit Devices program can be supplied with any text and symbols. The information is etched by laser and will remain permanently – in contrast to printed elements. Additional button plates can also be engraved, in addition to laser printing.

Stay-put or spring-return – simple to convert

All RMQ Titan stay-put push-button actuators can be set to stay-put or spring-return functions from the side. This pays off, for example, when a jog function is needed during set-up but the actuator is to later remain stay-put. A metal ring is visible from the side when the button is pressed halfway - a simple push converts the function.



And what applies to the push-button actuators also applies to all selector switches. The switching behaviour (spring-return/stay-put) and the withdrawal option for the key can be modified at any time and adapted to the application at hand. Ordering and storage are thus considerably reduced.

RMQ Titan System Overview



RMQ Titan

System Overview










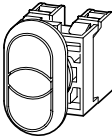













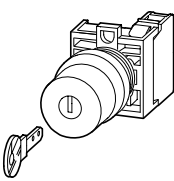

Emergency-Stop actuators	1	Enclosures	5	Selector switch actuators	11
Tamper-proof to ISO 13 850/EN 418		IP 66 surface mounting enclosure up to 6 locations		Two or three positions	
Can be secured by means of sealable shroud		IP 54 flush mounting panel up to 6 locations		With rotary head, thumb-grip handle	
Additional plates with and without text		IP 40 shrouds for flush mounting plates		Programmable spring-return/stay-put function	
 		→ Page 27		Illuminated selector switch actuators with transparent thumb-grip	
BG classification applied for				Colours: white, green, red, yellow, blue	
→ Page 9				→ Page 15	
Label mounts	2	Telescopic clips	6	Button plates/button lenses	12
For insert plates		For adjusting the depth of rear mounting devices in CI enclosures, CI-K4 enclosures and panels		Laser-engraved text for push-button actuators and mushroom actuators	
Colour: black		→ Page 29		Button lenses for illuminated push-button actuators and indicator lights, flush	
Insert plates aluminium-coloured, with and without text, can be engraved				With standard text and symbols or individual text	
→ Page 25		Centring adapter	7	→ Page 26	
		For centring of actuators and indicators when using telescopic clips			
		→ Page 29		Push-button actuators	13
Fixing adapter	3	IVS top-hat rail adapter	8	Spring-return and stay-put	
For front fixing		For direct mounting to top-hat rail to EN 50 022		Flush and extended	
For contact and LED elements		→ Page 29		With and without guard ring	
→ Page 22				Mushroom actuators	
		Indicator lights	9	Double actuators	
Contact elements	4	Flush and conical versions		Colour: white, green, red, yellow, blue, black	
Break and make		Colours: white, green, red, yellow, blue		Illuminated push-button actuators	
Universal contacts suitable for use with electronic devices		→ Page 18		Colour: white, green, red, yellow, blue	
Positive opening safety function to IEC/EN 60 947-5 -1				→ Page 11	
→ Page 22		Key-operated actuators	10		
LED elements	4	Two or three positions			
Voltage range:		Programmable spring-return/stay-put function and key withdrawal			
18 – 30 V DC		Suitable for master key systems			
85 – 264 V AC		→ Page 16			
→ Page 23					

Product features

- Snap-fitting modular system
- Front ring in titanium or black
- Mounting diameter: 22.3 mm
- Minimum grid spacing 30 × 40 mm
- IP 66 degree of protection
- Up to 6 contacts per location
- Switching of different potentials
- Approved throughout the world

RMQ Titan

Complete Units for Front Mounting, Front IP 66




















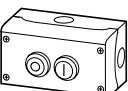

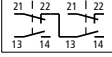

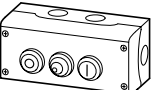

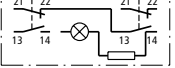

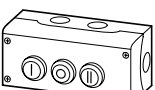

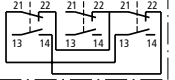

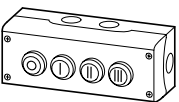

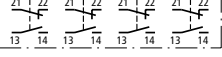

				Front ring titanium		
Button plate		Contacts ¹⁾ M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1		Type Article no.	Price See Price List	Std. pack
Push-button actuators						
	Flush		1 M —		M22-D-G-X1/K10 216512	5 off
			— 1 B ⊕		M22-D-R-X0/K01 216510	
			1 M 1 B ⊕		M22-D-G-X1/K11 216513	
			1 M 1 B ⊕		M22-D-R-X0/K11 216511	
Double push-buttons						
	Cover plate, black		1 M —		M22-DD-GR-X1/X0/K11 216506	5 off
			— 1 B ⊕			
With LED element Lens assembly, white 85 – 264 V AC			1 M —		M22-DDL-GR-X1/X0/K11/230-W 216509	5 off
			— 1 B ⊕			
Selector switch actuator, black thumb-grip handle						
Stay-put/spring-return function can be changed using M22-XC-. coding adapters						
	Two positions, stay-put		1 M —		M22-WRK/K10 216518	5 off
			1 M 1 B ⊕		M22-WRK/K11 216519	
	Three positions, stay-put		2 M —	 	M22-WRK3/K20 216520	
Key-operated actuator, with 1 key						
Stay-put/spring-return function and key withdrawal can be changed with M22-XC-. coding adapter						
	Two positions, stay-put MS 1 lock mechanism		1 M 1 B ⊕		M22-WRS/K11 216517	5 off

Notes

- ¹⁾ Special versions can be supplied as complete units for orders of 50 or more.
Switch positions 0, I, II correspond to the position of the actuating element viewed from the front.

RMQ Titan

Complete Units for Surface Mounting, IP 66



































						Front ring titanium	
	Number of locations	Contacts ¹⁾ M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1		Colour ²⁾ Enclosure top	Type Article no.	Price See Price List	Std. pack
Push-button actuators							
Flush 	1	1 M 1 B ⊕	 		M22-D-G-X1/KC11/I 216522		2 off
	1	1 M 1 B ⊕	 		M22-D-G-X0/KC11/I 216521		2 off
Key-release mushroom buttons²⁾							
With 1 key MS 1 lock mechanism 	1	1 M 1 B ⊕	 		M22-PVS/KC11/IY 216523		2 off
Key-operated buttons							
With 1 key, Two positions, stay-put MS 1 lock mechanism 	1	1 M 1 B ⊕			M22-WRS/KC11/I 216526		2 off
Enclosures							
With contact elements Without actuator 	1	1 M 1 B ⊕			M22-I1-M1 216527		2 off
	1	1 M 1 B ⊕			M22-I1Y-M1 216528		2 off
Two-way push-button station							
	2	2 M 2 B ⊕	 		M22-I2-M1 216529		2 off
Two-way push-button station							
With indicator light LED element 85 – 264 V AC 	2	2 M 2 B ⊕	 		M22-I3-M2 216533		1 off
Three-way push-button station							
	3	3 M 3 B ⊕	 		M22-I3-M1 216532		1 off
Four-way push-button station							
	4	4 M 4 B ⊕	 		M22-I4-M1 216534		1 off

Notes

- Special versions can be supplied as complete units for orders of 50 or more.
Switch positions 0, I, II correspond to the position of the actuating element viewed from the front.
- grey = RAL 7035
yellow = RAL 1004






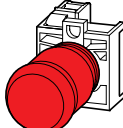




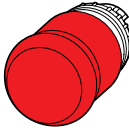


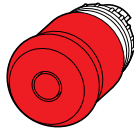


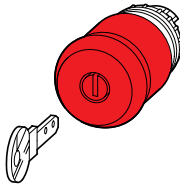

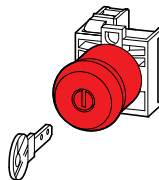
RMQ Titan

Double Actuators

		Front ring titanium	Front ring black		
	Button plate version	Type Article no.	Type Article no.	Price See Price List	Std. pack
Double actuators, IP 65					
Without indicator light, Cover plate, black 		M22-DD-GR-X1/X0 216685	M22S-DD-GR-X1/X0 216686		5 off
		M22-DD-WS-X1/X0 216691	M22S-DD-WS-X1/X0 216692		
					
					
		M22-DD-GR-GB1/GB0 216687	M22S-DD-GR-GB1/GB0 216688		
					
		M22-DD-WS-GB1/GB0 216693	M22S-DD-WS-GB1/GB0 216694		
					
		M22-DD-S-X7/X7 216695	M22S-DD-S-X7/X7 216696		
					
		M22-DD-S-X4/X5 218143	M22S-DD-S-X4/X5 218144		
					
		M22-DD-GR 216683	M22S-DD-GR 216684		
					
		M22-DD-WS 216689	M22S-DD-WS 216690		
					
With indicator light, Lens assembly, white 		M22-DDL-GR-X1/X0 216700	M22S-DDL-GR-X1/X0 216701		5 off
					
		M22-DDL-WS-X1/X0 216706	M22S-DDL-WS-X1/X0 216707		
					
		M22-DDL-GR-GB1/GB0 216702	M22S-DDL-GR-GB1/GB0 216703		
					
		M22-DDL-WS-GB1/GB0 216708	M22S-DDL-WS-GB1/GB0 216709		
					
		M22-DDL-S-X7/X7 216710	M22S-DDL-S-X7/X7 216711		
					
		M22-DDL-S-X4/X5 218145	M22S-DDL-S-X4/X5 218146		
					
		M22-DDL-GR 216698	M22S-DDL-GR 216699		
					
		M22-DDL-WS 216704	M22S-DDL-WS 216705		
					

RMQ Titan

Emergency-Stop Actuators

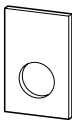

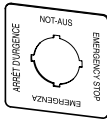






		Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1		Colour: Enclosure top, yellow Plunger ¹⁾	Type Article no.	Price See Price List	Std. pack		
Complete units for surface mounting, IP 66									
Emergency-Stop actuator, tamper-proof to ISO 13 850/EN 418 Pull to release Max. configuration: 3 × M22-(C)K...									
			1 M	1 B		●	M22/PV/KC11/I 216525	2 off	
			—	2 B		●	M22/PV/KC02/I 216524	2 off	
Complete units for front mounting, IP 66									
Emergency-Stop actuator, tamper-proof to ISO 13 850/EN 418 Pull to release Max. configuration: 4 × M22-(C)K...									
			—	1 B ⊕		●	M22-PV/K01 216515	5 off	
			1 M	1 B ⊕		●	M22-PV/K11 216516	5 off	
Emergency-stop actuator Non-illuminated									
			—	—	—	●	M22-PV 216876	10 off	
			—	—	—	●	M22-PV-GVP 216877	50 off	
Emergency-stop actuator Illuminated									
			—	—	—	●	M22-PVL 216878	5 off	
Emergency-Stop key-operated actuators IP 66									
	With 1 key		Individual lock mechanism MS 1	—	—	—	●	M22-PVS 216879	5 off
			Individual lock mechanism MS 2 – 20	—	—	—	●	M22-PVS-MS* 216880	1 off
Emergency-stop key-operated mushroom actuator to ISO 13 850/EN 418									
With 1 key, Individual lock mechanism MS 1			—	1 B ⊕		●	M22-PVS/K01 216514	5 off	
									

Notes

¹⁾ Red = RAL 3000

RMQ Titan

Emergency-Stop Labels, Sealable Shroud























	Text	Country code Explanation	Colour	Type Article no.	Price See Price List	Std. pack	
Emergency-stop labels, IP 66							
	Text black, 33 × 50 mm						
	Emergency-stop	D		M22-XZK-D99 216471		10 off	
	Emergency Stop	GB		M22-XZK-GB99 216472			
	Arrêt d'urgence	F		M22-XZK-F99 216473			
	EMERGENZA	I		M22-XZK-I99 216474			
	NOODSTOP	NL		M22-XZK-NL99 216475			
	NÖDSTOPP	S		M22-XZK-S99 216476			
	HÄTÄ-SEIS	SF		M22-XZK-SF99 216477			
	NØDSTOP	DK		M22-XZK-DK99 216478			
	Blank	—		M22-XZK 216470		25 off	
	With individual text ¹⁾		M22-XZK-* 216479		10 off		
50 × 50 mm	Four-language	D, GB, F, I		M22-XYK1 216484		10 off	
							
	Ø = 90 mm	Blank		M22-XAK 216464		10 off	
		Four-language		D, GB, F, I	M22-XAK1 216465		
		Four-language		D, GB, E, POR	M22-XAK2 216466		
		Four-language		D, GB, NL, F	M22-XAK3 216467		
		Four-language		GB, S, SF, DK	M22-XAK4 216468		
		With individual text			M22-XAK-* 216469		
Ø = 60 mm	Four-language	D, GB, F, I		M22-XBK1 216483			
							
							
Sealable shroud ²⁾							
				M22-PL-PV 216397		2 off	

Notes

- ¹⁾ Height of letters: 5 mm
Number of lines: Maximum 2
characters per line: Maximum 7
- ²⁾ Transparent with collapse point, can be reused after an emergency stop.
For use with M22-PV, M22-PVL, M22-PVS
Adjacent holes should be sealed with M22(S)-B blanking plugs at 30 × 50 mm intervals.
























RMQ Titan

Push-Button Actuators

		Front ring titanium	Front ring black				
	Button plate	Type Article no.	Type Article no.	Price See Price List	Std. pack		
Push-button actuators, IP 66							
<div>Flush, spring-return</div> 		M22-D-S 216590	M22S-D-S 216591		10 off		
		M22-D-W 216592	M22S-D-W 216593				
		M22-D-R 216594	M22S-D-R 216595				
		M22-D-G 216596	M22S-D-G 216597				
		M22-D-Y 216598	M22S-D-Y 216599				
		M22-D-B 216600	M22S-D-B 216601				
	Without	M22-D-X 216602	M22S-D-X 216604				
	Without	M22-D-X-GVP 216603	–		50 off		
		M22-D-R-X0 216605	M22S-D-R-X0 216606		10 off		
			M22-D-G-X1 216607	M22S-D-G-X1 216608			
		M22-D-S-X0 216609	M22S-D-S-X0 216610				
		M22-D-W-X1 216611	M22S-D-W-X1 216612				
<div>Flush, stay-put</div>  <div>Programmable stay-put/spring-return function</div>			M22-DR-S 216613	M22S-DR-S 216614			5 off
			M22-DR-W 216615	M22S-DR-W 216616			
		M22-DR-R 216617	M22S-DR-R 216618				
		M22-DR-G 216619	M22S-DR-G 216620				
		M22-DR-Y 216621	M22S-DR-Y 216622				
		M22-DR-B 216623	M22S-DR-B 216624				
	Without	M22-DR-X 216625	M22S-DR-X 216627				
	Without	M22-DR-X-GVP 216626	–		50 off		
		M22-DR-R-X0 216628	M22-DR-R-X0 216629		5 off		
			M22-DR-G-X1 216630	M22S-DR-G-X1 216631			
		M22-DR-S-X0 216632	M22S-DR-S-X0 216633				
		M22-DR-W-X1 216634	M22S-DR-W-X1 216635				

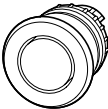
























RMQ Titan

Push-Button Actuators

		Front ring titanium	Front ring black		
	Button plate	Type Article no.	Type Article no.	Price See Price List	Std. pack
Push-button actuators, IP 66					
<div>Extended, spring-return</div> 		M22-DH-S 216636	M22S-DH-S 216637		5 off
		M22-DH-W 216638	M22S-DH-W 216639		
		M22-DH-R 216640	M22S-DH-R 216642		
		M22-DH-G 216643	M22S-DH-G 216644		
		M22-DH-Y 216646	M22S-DH-Y 216647		
		M22-DH-B 216649	M22S-DH-B 216650		
		M22-DH-R-X0 216655	M22S-DH-R-X0 216656		5 off
		M22-DH-G-X1 216657	M22S-DH-G-X1 216658		
		M22-DH-S-X0 216659	M22S-DH-S-X0 216660		
		M22-DH-W-X1 216661	M22S-DH-W-X1 216662		
<div>Extended, stay-put</div>  <div>Programmable stay-put/spring-return function</div>		M22-DRH-S 216663	M22S-DRH-S 216664		5 off
		M22-DRH-W 216665	M22S-DRH-W 216666		
		M22-DRH-R 216667	M22S-DRH-R 216668		
		M22-DRH-G 216669	M22S-DRH-G 216670		
		M22-DRH-Y 216671	M22S-DRH-Y 216672		
		M22-DRH-B 216673	M22S-DRH-B 216674		
		M22-DRH-R-X0 216675	M22S-DRH-R-X0 216676		5 off
		M22-DRH-G-X1 216677	M22S-DRH-G-X1 216678		
		M22-DRH-S-X0 216679	M22S-DRH-S-X0 216680		
		M22-DRH-W-X1 216681	M22S-DRH-W-X1 216682		
With guard ring, spring-return	Without	M22-DG-X 220921	—		
					

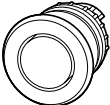
























RMQ Titan

Push-Button Actuators












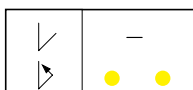
	Button plate	Colour Mushroom	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Mushroom actuators, IP 66						
<div>Spring-return</div> <div></div>			M22-DP-S 216712	M22S-DP-S 216713		5 off
			M22-DP-R 216714	M22S-DP-R 216715		
			M22-DP-G 216716	M22S-DP-G 216717		
			M22-DP-Y 216718	M22S-DP-Y 216719		
			M22-DP-R-X0 216720	M22S-DP-R-X0 216721		5 off
			M22-DP-G-X1 216722	M22S-DP-G-X1 216723		
			M22-DP-S-X0 216724	M22S-DP-S-X0 216725		
			M22-DP-W-X1 216726	M22S-DP-W-X1 216727		
	Without		M22-DP-S-X 216728	M22S-DP-S-X 216730		5 off
	Without		M22-DP-R-X 216731	M22S-DP-R-X 216733		
	Without		M22-DP-G-X 216734	M22S-DP-G-X 216736		
	Without		M22-DP-Y-X 216737	M22S-DP-Y-X 216739		
	Without		M22-DP-S-X-GVP 216729	—		25 off
	Without		M22-DP-R-X-GVP 216732	—		
	Without		M22-DP-G-X-GVP 216735	—		
	Without		M22-DP-Y-X-GVP 216738	—		

RMQ Titan

Push-Button Actuators



	Button plate	Colour Mushroom	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Mushroom actuators, IP 66						
 Stay-put			M22-DRP-S 216743	M22S-DRP-S 216744		5 off
			M22-DRP-R 216745	M22S-DRP-R 216746		
			M22-DRP-G 216747	M22S-DRP-G 216748		
			M22-DRP-Y 216749	M22S-DRP-Y 216750		
Programmable stay-put/spring-return function			M22-DRP-R-X0 216751	M22S-DRP-R-X0 216752		5 off
			M22-DRP-G-X1 216753	M22S-DRP-G-X1 216754		
			M22-DRP-S-X0 216755	M22S-DRP-S-X0 216756		
			M22-DRP-W-X1 216757	M22S-DRP-W-X1 216758		
	Without		M22-DRP-S-X 216759	M22S-DRP-S-X 216761		5 off
	Without		M22-DRP-R-X 216762	M22S-DRP-R-X 216764		
	Without		M22-DRP-G-X 216765	M22S-DRP-G-X 216767		
	Without		M22-DRP-Y-X 216768	M22S-DRP-Y-X 216770		
	Without		M22-DRP-S-X-GVP 216760	—		25 off
	Without		M22-DRP-R-X-GVP 216763	—		
	Without		M22-DRP-G-X-GVP 216766	—		
	Without		M22-DRP-Y-X-GVP 216769	—		

RMQ Titan Selector Switches

				Front ring titanium	Front ring black	
				Type Article no.	Type Article no.	Price See Price
				Std.		
Function └ = stay-put └> = spring-return						
Selector switch actuators, Two positions IP 66						
	└>	40°		M22-W 216853	M22S-W 216854	5 off
	└	60°		M22-WR 216855	M22S-WR 216856	
	└	60°		M22-WR-X92 216857	M22S-WR-X92 216858	
	└	60°	HAND AUTO 	M22-WR-X91 216859	M22S-WR-X91 216860	
	└>	40°	—	M22-WK 216865	M22S-WK 216866	10 off
	└	60°	—	M22-WRK 216867	M22S-WRK 216869	
	└	60°	—	M22-WRK-GVP 216868	—	
Thumb-grip handle, V position	└	60°	—	M22-WKV 216874	M22S-WKV 216875	5 off
Selector switch actuators, Three positions IP 66						
	40°	└└>	40° 	M22-W3 216861	M22S-W3 216862	5 off
	60°	└└	60° 	M22-WR3 216863	M22S-WR3 216864	
	40°	└└>	40° —	M22-WK3 216870	M22S-WK3 216871	10 off
	60°	└└	60° —	M22-WRK3 216872	M22S-WRK3 216873	
	1)		—	M22-WRK3-* 217436	M22S-WRK3-* 217437	
Coding adapters, for all selector switch actuators						
For converting between stay-put and spring-return functions						
 				M22-XC-Y 216407	M22S-XC-Y 216407	10 off


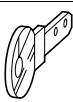

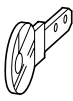
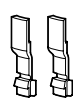
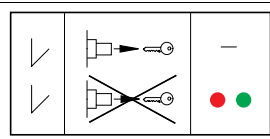
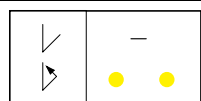
Notes

1) Example: M22-WRK3-*

1 = 60°  40°
 2 = 40°  60°

RMQ Titan

Key-Operated Actuators, Individual Lock Mechanisms

			Front ring titanium	Front ring black		Std. pack
Function		Key can be withdrawn in position	Type Article no.	Type Article no.	Price See Price List	
└ = stay-put						
└ = spring-return						
Key-operated actuators, IP 66						
Two positions Individual lock mechanisms not suitable for master key systems, with 1 key Stay-put/spring-return function and withdrawable key facility can be changed with M22-XC coding adapters						
	MS 1 lock mechanism	└ 40°	0	M22-WS 216881	M22S-WS 216882	1 off
		└ 60°	0 I	M22-WRS 216887	M22S-WRS 216889	5 off
		└ 60°	0 I	M22-WRS-GVP 216888	–	25 off
Lock mechanism MS 2 – 20 ¹⁾ Include the lock mechanism number in the type designation		└ 40°	0	M22-WS-MS* 216883	M22S-WS-MS* 216884	1 off
		└ 60°	0 I	M22-WRS-MS* 216890	M22S-WRS-MS* 216891	1 off
Lock mechanism MS 1 – 20		└ 50°	0	M22-WRS-MS*-A1 217440	M22S-WRS-MS*-A1 217441	5 off
	Key for MS 1 individual lock mechanism			M22-ES-MS1 216416	M22-ES-MS1 216416	5 off
	Key for MS 2 –20 individual lock mechanisms			M22-ES-MS* 216417	M22-ES-MS* 216417	1 off
Three positions Individual lock mechanisms not suitable for master key systems, with 1 key Stay-put/spring-return function and withdrawable key facility can be changed with M22-XC coding adapters						
	MS 1 lock mechanism	40° ⇄ 40°	0	M22-WS3 216894	M22S-WS3 216895	1 off
		60° ⇄ 60°	I 0 II	M22-WRS3 216900	M22S-WRS3 216901	5 off
		60° ⇄ 60°	I 0 II	M22-WRS3-GVP 216902	–	25 off
	2)		I 0	M22-WRS3-MS*-A* 217442	M22S-WRS3-MS*-A* 217443	5 off
MS 2 – 20 lock mechanism Include the lock mechanism number in the type designation		40° ⇄ 40°	0	M22-WS3-MS* 216896	M22S-WS3-MS* 216897	1 off
		60° ⇄ 60°	I 0 II	M22-WRS3-MS* 216903	M22S-WRS3-MS* 216904	
	Key for MS 1 individual lock mechanism			M22-ES-MS1 216416	M22-ES-MS1 216416	
	Key for MS 2 –20 individual lock mechanisms			M22-ES-MS* 216417	M22-ES-MS* 216417	
Set of coding adapters						
For converting between the stay-put/spring-return function and withdrawable key facility						
			M22-XC-R 216406	M22-XC-R 216406		10 off
			M22-XC-Y 216407	M22-XC-Y 216407		10 off

Notes

¹⁾ MS 2 – 20: 4 weeks delivery time

²⁾ Example: M22(S)-WRS3-MS*-A*

	Function	can be withdrawn in switching position
A1	└	0
A2	I	0
A3	└	0 II
A4	I	0
A5	└	0
A6	└	0 II
A7	└	0

1 – 20

(Individual lock mechanism no.)

RMQ Titan

Key-Operated Acutators for Master Key Systems

Function		Key can be withdrawn in position	Front ring titanium	Front ring black	Price	Std. pack
└ = stay-put	└ = spring-return		Type Article no.	Type Article no.		
Key-operated actuators IP 66 ¹⁾						
Two positions, cannot be fitted with coding adapters with 2 keys ²⁾	└ 40°	0	M22-WS-SA(*)-* 216885	M22S-WS-SA(*)-* 216886		1 off
	└ 60°	0 I	M22-WRS-SA(*)-* 216892	M22S-WRS-SA(*)-* 216893		
Three positions, cannot be fitted with coding adapters with 2 keys ²⁾	└ 40°	0	M22-WS3-SA(*)-* 216898	M22S-WS3-SA(*)-* 216899		
	└ 60°	0 I	M22-WRS3-SA(*)-* 216905	M22S-WRS3-SA(*)-* 216906		
Standard key			M22-ES-SA(*)-* 217444	M22-ES-SA(*)-* 217444		

Notes

¹⁾ Master key systems: 6 – 8 weeks delivery time

²⁾ Example: M22-WS-SA(*)-* — Levels e. g. 2.3.1 — Standard key
 — Group master key
 — Master key
 0 = General master key

for new orders = new

For repeat orders = Master key system no. acc. security certificate

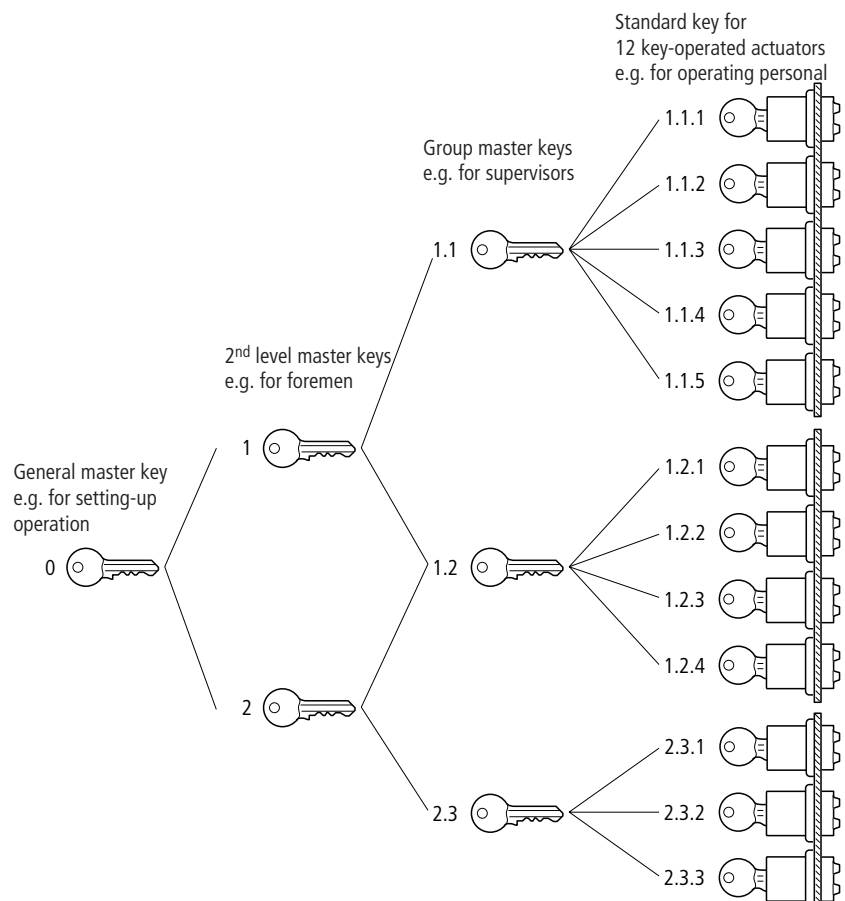
Master key systems

- 8000 different lock mechanisms
- Security certificate prevents unauthorized purchase of keys: enter with repeat orders
- Special key profile provided only by the manufacturer
- Moeller master key systems cannot be combined with domestic locks













Lock plan

Example of a GHS general master key system:

The system consists of 12 individual locks and the associated different keys.
 At the first level the locks are combined to form 3 groups.
 For each of the 3 groups there is one master key that can open all locks in its groups.
 In the 2nd level, the 3 groups are combined to form 2 main groups, the 2nd level master keys can open all the locks from several groups. The general master key covers the 2 main groups can thus open all 12 locks of the master key system.





















RMQ Titan Indicator Lights

		Front ring titanium		
	Actuator lens style	Type Article no.	Price See Price List	Std. pack
Indicator light IP 66				
Flush 		M22-L-W 216771		10 off
		M22-L-R 216772		
		M22-L-G 216773		
		M22-L-Y 216774		
		M22-L-B 216775		
	Without lens	M22-L-X 216776		
	Without lens	M22-L-X-GVP 216777		50 off
Extended 		M22-LH-W 216778		10 off
		M22-LH-R 216779		
		M22-LH-G 216780		
		M22-LH-Y 216781		
		M22-LH-B 216782		





















RMQ Titan

Illuminated Push-Buttons

		Front ring titanium	Front ring black	
	Actuator lens style	Type Article no.	Type Article no.	Price See Price List
Illuminated push-button actuators IP 66				
Flush, spring-return 		M22-DL-W 216922	M22S-DL-W 216924	10 off
		M22-DL-R 216925	M22S-DL-R 216926	
		M22-DL-G 216927	M22S-DL-G 216928	
		M22-DL-Y 216929	M22S-DL-Y 216930	
		M22-DL-B 216931	M22S-DL-B 216932	
	Without	M22-DL-X 216933	M22S-DL-X 216935	50 off
	Without	M22-DL-X-GVP 216934	—	
		M22-DL-R-X0 216936	M22S-DL-R-X0 216937	10 off
		M22-DL-G-X1 216938	M22S-DL-G-X1 216939	
		M22-DL-W-X1 216942	M22S-DL-W-X1 216943	
Flush, stay-put  Programmable stay-put/spring-return function		M22-DRL-W 216944	M22S-DRL-W 216945	5 off
		M22-DRL-R 216946	M22S-DRL-R 216947	
		M22-DRL-G 216948	M22S-DRL-G 216949	
		M22-DRL-Y 216950	M22S-DRL-Y 216951	
		M22-DRL-B 216952	M22S-DRL-B 216953	
	Without	M22-DRL-X 216954	M22S-DRL-X 216956	50 off
	Without	M22-DRL-X-GVP 216955	—	
		M22-DRL-R-X0 216957	M22-DRL-R-X0 216958	5 off
		M22-DRL-G-X1 216959	M22S-DRL-G-X1 216960	
		M22-DRL-W-X1 216963	M22S-DRL-W-X1 216964	



























RMQ Titan

Illuminated Push-Buttons

		Front ring titanium	Front ring black	
Actuator lens style		Type Article no.	Type Article no.	Price See Price List
Illuminated push-button actuators IP 66				
Extended, spring-return 		M22-DLH-W 216965	M22S-DLH-W 216966	5 off
		M22-DLH-R 216967	M22S-DLH-R 216968	
		M22-DLH-G 216969	M22S-DLH-G 216970	
		M22-DLH-Y 216971	M22S-DLH-Y 216972	
		M22-DLH-B 216973	M22S-DLH-B 216974	
		M22-DLH-R-X0 216975	M22S-DLH-R-X0 216976	
		M22-DLH-G-X1 216977	M22S-DLH-G-X1 216978	
		M22-DLH-W-X0 216979	M22S-DLH-W-X0 216980	
		M22-DLH-W-X1 216981	M22S-DLH-W-X1 216982	
Extended, stay-put 		M22-DRLH-W 216788	M22S-DRLH-W 216791	5 off
		M22-DRLH-R 216789	M22S-DRLH-R 216792	
		M22-DRLH-G 216796	M22S-DRLH-G 216798	
		M22-DRLH-Y 216799	M22S-DRLH-Y 216801	
		M22-DRLH-B 216802	M22S-DRLH-B 216803	
		M22-DRLH-R-X0 216804	M22S-DRLH-R-X0 216808	
		M22-DRLH-G-X1 216805	M22S-DRLH-G-X1 216809	
		M22-DRLH-W-X0 216806	M22S-DRLH-W-X0 216810	
		M22-DRLH-W-X1 216807	M22S-DRLH-W-X1 216811	
Programmable stay-put/spring-return function				



RMQ Titan

Illuminated Selector Switch Actuators

				Front ring titanium	Front ring black		
Function			Thumb-grip colour	Type	Type	Price	Std. pack
└ = stay-put				Article no.	Article no.	See Price List	
└ = spring-return							
Illuminated selector switch actuators, thumb-grip handle IP 66							
Two positions							
	Spring-return	└	40°		M22-WLK-W 216812	M22S-WLK-W 216813	5 off
		└	40°		M22-WLK-R 216814	M22S-WLK-R 216815	
		└	40°		M22-WLK-G 216816	M22S-WLK-G 216817	
		└	40°		M22-WLK-Y 216818	M22S-WLK-Y 216819	
		└	40°		M22-WLK-B 216820	M22S-WLK-B 216821	
	Stay-put	└	60°		M22-WRLK-W 216823	M22S-WRLK-W 216824	
		└	60°		M22-WRLK-R 216825	M22S-WRLK-R 216826	
		└	60°		M22-WRLK-G 216827	M22S-WRLK-G 216828	
		└	60°		M22-WRLK-Y 216829	M22S-WRLK-Y 216830	
		└	60°		M22-WRLK-B 216831	M22S-WRLK-B 216832	
Three positions							
	Spring-return	40°	└	40°		M22-WLK3-W 216833	5 off
		40°	└	40°		M22-WLK3-R 216835	
		40°	└	40°		M22-WLK3-G 216837	
		40°	└	40°		M22-WLK3-Y 216839	
		40°	└	40°		M22-WLK3-B 216841	
	Stay-put	60°	└	60°		M22-WRLK3-W 216843	
		60°	└	60°		M22-WRLK3-R 216845	
		60°	└	60°		M22-WRLK3-G 216847	
		60°	└	60°		M22-WRLK3-Y 216849	
		60°	└	60°		M22-WRLK3-B 216851	
Stay-put, spring-return ¹⁾		40°	└	60°	M22-WRLK3-*/ 217438	M22S-WRLK3-*/ 216439	
Coding adapters, for all selector switch actuators							
For converting between stay-put and spring-return functions				M22-XC-Y 216407	M22-XC-Y 216407		10 off
							

Notes

¹⁾ Example: M22-WRLK3-*/*

Colour 1 = , 2 = 

RMQ Titan

Fixing Adapters, Contact Elements

Contacts¹⁾
M = Make, B = Break, ⊕ = Positive
opening safety function to
IEC/EN 60 947-5-1

Configuration²⁾

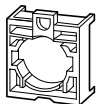
Type
Article no.

Price
See Price
List

Std.
pack

Fixing adapter (front fixing)

for M22-K contact elements.
Sequence numbers on fixing adapter



1 3 2

1 3 2

M22-A
216374

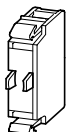
M22-A-GVP
216375

50 off

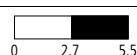
500 off

Contact elements with screw terminals

Front fixing



1 M –



1 3 2

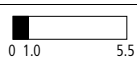
M22-K10
216376

M22-K10-GVP
216377

50 off

500 off

– 1 B ⊕



1 3 2

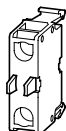
M22-K01
216378

M22-K01-GVP
216379

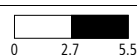
50 off

500 off

Base fixing



1 M –



2 3 1

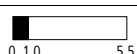
M22-KC10
216380

M22-KC10-GVP
216381

20 off

200 off

– 1 B ⊕



2 3 1

M22-KC01
216382

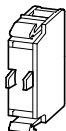
M22-KC01-GVP
216383

20 off

200 off

Contact elements with cage clamp³⁾

Front fixing



1 M –



1 3 2

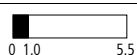
M22-CK10
216384

M22-CK01
216385

10 off

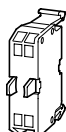
10 off

– 1 B ⊕



1 3 2

Base fixing



1 M –



2 3 1

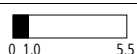
M22-CKC10
216386

M22-CKC01
216387

10 off

10 off

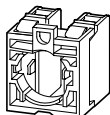
– 1 B ⊕



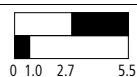
2 3 1

Complete modules

Combination of contact element and fixing adapter,
Front fixing



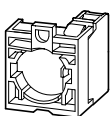
1 M 1 B ⊕



1 3 2

M22-AK11
216505

5 off



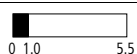
1 M –



1 3 2

M22-AK10
216504

– 1 B ⊕



1 3 2

M22-AK01
216503

Notes






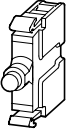






¹⁾ $\begin{matrix} |_{xy} \\ |_{xy} \end{matrix}$ x = Sequence numbers on fixing adapter
y = Function numbers on contact element

²⁾ Configuration of fixing adapter with sequence numbers to EN 50 013




³⁾ Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden

RMQ Titan

LED Elements

	Rated operational voltage	Rated operational current	Rated lifespan at $T_a = +25\text{ °C}$	Colour	Type Article no.	Price See Price List	Std. pack
LED elements with screw terminals							
Front fixing 	18 – 30 V AC/DC	8 – 15 mA	100,000 h		M22-LED-W 216557		20 off
					M22-LED-R 216558		
					M22-LED-G 216559		
					M22-LED-B 218057		
Base fixing 	18 – 30 V AC/DC	8 – 15 mA	100,000 h		M22-LEDC-W 216560		20 off
					M22-LEDC-R 216561		
					M22-LEDC-G 216562		
					M22-LEDC-B 218058		
Front fixing 	85 – 264 V AC	5 – 15 mA	100,000 h		M22-LED230-W 216563		20 off
					M22-LED230-R 216564		
					M22-LED230-G 216565		
					M22-LED230-B 218059		
Base fixing 	85 – 264 V AC	5 – 15 mA	100,000 h		M22-LEDC230-W 216566		20 off
					M22-LEDC230-R 216567		
					M22-LEDC230-G 216568		
					M22-LEDC230-B 218060		

RMQ Titan LED Elements


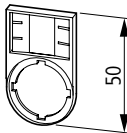
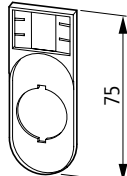
	Rated operational voltage	Rated operational current	Rated lifespan at $T_a = +25\text{ }^{\circ}\text{C}$	Colour	Type Article no.	Price See Price List	Std. pack
LED elements with Cage Clamp ¹⁾							
Front fixing	18 – 30 V AC/DC	8 – 15mA	100,000 h		M22-CLED-W 216569		10 off
					M22-CLED-R 216570		
					M22-CLED-G 216571		
					M22-CLED-B 218061		
Base fixing	18 – 30 V AC/DC	8 – 15 mA	100,000 h		M22-CLEDC-W 216572		10 off
					M22-CLEDC-R 216573		
					M22-CLEDC-G 216574		
					M22-CLEDC-B 218062		
Front fixing	85 – 264 V AC	5 – 15 mA	100,000 h		M22-CLED230-W 216575		10 off
					M22-CLED230-R 216576		
					M22-CLED230-G 216577		
					M22-CLED230-B 218063		
Base fixing	85 – 264 V AC	5 – 15 mA	100,000 h		M22-CLEDC230-W 216578		10 off
					M22-CLEDC230-R 216579		
					M22-CLEDC230-G 216580		
					M22-CLEDC230-B 218064		

Notes

¹⁾ Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden






















RMQ Titan

Label Mounts Complete, Insert Plates

	Type Article no.	Price See Price List	Std. pack			
Complete Legend Plates						
30 × 50 mm, round, black						
0 I	M22S-ST-X88 216485		10 off			
I 0 II	M22S-ST-X89 216486					
0 I	M22S-ST-X93 218147					
STOP	M22S-ST-GB0 216494					
START	M22S-ST-GB1 216495					
Aus	M22S-ST-D5 218299					
OFF	M22S-ST-GB5 218300					
Ein	M22S-ST-D6 216487					
ON	M22S-ST-GB6 216496					
Störung	M22S-ST-D8 216489					
FAULT	M22S-ST-GB8 216498					
Betrieb	M22S-ST-D7 216488					
RUN	M22S-ST-GB7 216497					
HAND AUTO	M22S-ST-D11 216492					
MAN. AUTO	M22S-ST-GB11 216500					
Aus Ein	M22S-ST-D10 216490					
OFF ON	M22S-ST-GB10 216499					
HAND 0 AUTO	M22S-ST-D12 216493					
MAN. 0 AUTO	M22S-ST-GB12 216501					
Insert plates for label mounts, 18 × 27 mm						
	Aluminium blank	M22-XST 216480	100 off			
	Aluminium blank	M22-XST-GVP 216481	500 off			
	With individual text	M22-XST- 216482	1 off	Letter height mm	No. of lines max.	Characters per line max.
				3	3	12
				5	2	8
Legend plates, without labels						
Round, black, 30 mm wide						
	M22S-ST-X 216392		100 off			
	M22S-ST-X-GVP 216393		500 off			
For double actuators						
	M22S-STDD-X 216394		10 off			

RMQ Titan

Button Plates, Button Lenses, Lenses

For use with	Colour	Style: Flush Type Article no.	Price See Price List	Style: Extended Type Article no.	Price See Price List	Std. pack
Button plates, Push-button actuator						
M22(S)-D-X M22(S)-DR-X		M22-XD-S 216421		M22-XDH-S 216428		1 off
		M22-XD-W 216422		M22-XDH-W 216429		
		M22-XD-R 216423		M22-XDH-R 216430		
		M22-XD-G 216424		M22-XDH-G 216431		
		M22-XD-Y 216425		M22-XDH-Y 216432		
		M22-XD-B 216426		M22-XDH-B 216433		
	With individual text ¹⁾	M22-XD-*. * 216427		M22-XDH-*. * 216434		
Button lenses, Push-button actuator						
M22(S)-DL-X M22(S)-DRL-X		M22-XDL-W 216441		M22-XDHL-W 216447		10 off
		M22-XDL-R 216442		M22-XDHL-R 216448		
		M22-XDL-G 216443		M22-XDHL-G 216449		
		M22-XDL-Y 216444		M22-XDHL-Y 216450		
		M22-XDL-B 216445		M22-XDHL-B 216451		
	With individual text ¹⁾	M22-XDL-*. * 216446		M22-XDHL-*. * 216452		1 off
Button plates, Mushroom actuator						
M22-L-X M22-LC-X		M22-XDP-S 216435		—		10 off
		M22-XDP-W 216436		—		
		M22-XDP-R 216437		—		
		M22-XDP-G 216438		—		
		M22-XDP-Y 216439		—		
	With individual text ¹⁾	M22-XDP-*. * 216440		—		1 off
Lens, Indicator light						
		M22-XL-W 216453		M22-XLH-W 216459		10 off
		M22-XL-R 216454		M22-XLH-R 216460		
		M22-XL-G 216455		M22-XLH-G 216461		
		M22-XL-Y 216456		M22-XLH-Y 216462		
		M22-XL-B 216457		M22-XLH-B 216463		
	With individual text ¹⁾	M22-XL-*. * 216458		—		1 off

Notes

¹⁾ Example: M22-X...-*. *

Symbol (new or designator from library e. g. GB12)



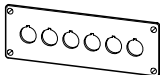



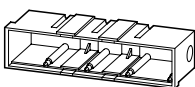
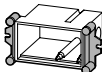
Colour: e. g. -R, -G, -B, -W, -Y

Height of letters 3 mm: Max. 8 character in 1st line, 10 characters in 2nd line 8 characters in 3rd line

Height of letters 5 mm: Max. 5 characters in one line

RMQ Titan

Flush Mounting Plates, Shrouds






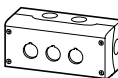

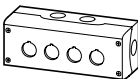

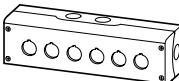

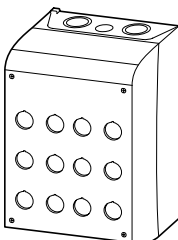

	Number of locations		Cable entry knockouts	Type Article no.	Price See Price List	Std. pack
	Number	Colour ¹⁾	Number × M20			
Flush mounting panels IP 54						
Legend plates cannot be used if push-buttons are fitted in vertical column Without apertures, if required						
	Aluminium with yellow paint finish for Emergency-Stop buttons	1		—	M22-EY1 2165472	5 off
	Aluminium, light anodized	1		—	M22-E1 216541	1 off
		2		—	M22-E2 216543	
		3		—	M22-E3 216544	
		4		—	M22-E4 216545	
		5		—	M22-E5 216546	
		6		—	M22-E6 216547	
Shrouds, IP 40						
Plastic, light grey						
	1		3	M22-H1 216548	1 off	
	2		4	M22-H2 216549		
	3		4	M22-H3 216550		
	4		4	M22-H4 216551		
	5		5	M22-H5 216552		
	6		6	M22-H6 216553		
						
Set of plaster keys						
Consists of two plaster keys as an aid to flush mounting of shrouds in plaster						
	—	—	—	M22-UPE 216554	1 off	

Notes

¹⁾ yellow RAL 1004,
light gray RAL 7035

RMQ Titan







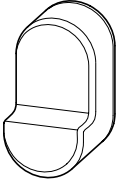
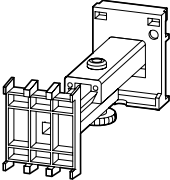
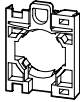
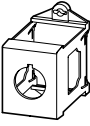

Surface Mounting Enclosures

	Number of locations	Cable entry knockouts			Type Article no.	Price See Price List	Std. pack
		Bottom	Sides:				
	Number	Number × M...		Colour ¹⁾			
Surface mounting enclosure IP66 <small>totally insulated</small>							
With stainless steel screws							
For Emergency-Stop actuator	1	2 × 16	2 × 25/20 1 × 20		M22-IY1 216536		2 off
	1	2 × 16	2 × 25/20 1 × 20		M22-I1 216535		2 off
	2	2 × 16	1 × 20 2 × 25/20		M22-I2 216537		1 off
	3	2 × 16	2 × 25/20 2 × 20		M22-I3 216538		
	4	2 × 16	2 × 25/20 2 × 20		M22-I4 216539		
	6	2 × 16	2 × 25/20 2 × 20		M22-I6 216540		
Surface mounting enclosure IP 65 <small>totally insulated</small>							
	12	2 × 32/25	4 × 32/25 2 × 20		M22-I12 222688		1 off




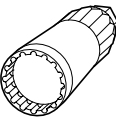
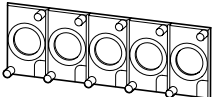

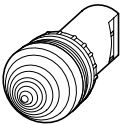





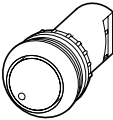






Notes

¹⁾ Colour: yellow RAL 1004, enclosure cover light grey RAL 7035, enclosure base anthracite RAL 9005

RMQ Titan Accessories

For use with	Colour	Type Article no.	Price See Price List	Std. pack
Blanking plugs, IP 66				
For blanking off reserve locations				
Round design 		M22S-B 216390		50 off
		M22S-B-GVP 216391		250 off
		M22-B 216388		50 off
		M22-B-GVP 216389		250 off
Actuator diaphragms for IP 67				
Transparent diaphragms for severe environmental conditions and use in the food industry. Do not use with label mounts since degree of protection is not guaranteed				
	Push-button actuators M22(S)-D(R)-... Illuminated push-button actuators M22(S)-DL-..., M22(S)-DRL-... Indicator light, flush M22(S)-L(C)-...	M22-T-D 216395		10 off
	Double actuators M22(S)-DD(L)-...	M22-T-DD 216396		10 off
Telescopic clip				
For adjusting depth of rear mounting devices in CI enclosures and panels with a mounting depth of 125 – 157mm. Stepless adjustment from 64 – 95 mm, screw and snap fastener. Maximum of 10 × M22-TC per CI enclosure, five of which can hold stay-put actuators. Do not use with Emergency-Stop actuators.				
		M22-TC 216398		10 off
Centring adapter				
for use with M22-TC telescopic clips				
		M22-ZA 216399		10 off
IVS top-hat rail adapter				
For front fixing				
		M22-IVS 216400		1 off
Plunger bridge				
For medium contact (1 piece), black				
		M22-XW 216405		10 off

RMQ Titan Accessories

	For use with	Colour	Type Article no.	Price See Price List	Std. pack
Threaded ring M22 × 1,5 mm 			M22-GR 216401		50 off
			M22-GR-GVP 216404		500 off
Adapter ring set 30/22.5 mm Black, consisting of adapter ring and lock nut 	for mounting of Ø 22.5 units in Ø 30.5 holes		M22S-R30 216408		10 off
Combination box spanner 	For front ring and lock nuts as well as illuminated actuator lens assemblies	—	M22-MS 216402		5 off
Fixing plate 	For fixing shrouds (M22-H...) to M22-E... flush mounting panel, for 5 locations		M22-XE5 218945		1 off
Indicator light, compact IP 66 Flush, with BA 9s lamp socket 		     Without lens	M22-LC-W 216907 M22-LC-R 216908 M22-LC-G 216909 M22-LC-Y 216910 M22-LC-B 216911 M22-LC-X 216912		10 off
Extended, with BA 9s lamp socket 			M22-LCH-W 216914		
			M22-LCH-R 216915		
			M22-LCH-G 216916		
			M22-LCH-Y 216917		
			M22-LCH-B 216918		
Acoustic indicator, IP 40 Front black incl. buzzer 18 – 30 V DC			M22-AM 216913		10 off
Bulb extractor 	for compact indicator light M22-LC(H)...	—	M22-LG 216403		5 off

RMQ Titan

Technical Data

				Contact elements	LED elements	Push-button actuators Mushroom actuators	Double actuators	Selector switch actuators Illuminated selector actuators
General								
Standards				IEC/EN 60 947, VDE 0660				
Lifespan, mechanical	Operations	$\times 10^6$		10	–	5	0.2	0.1
Maximum operating frequency		Ops/h		3600	–	3600	3600	2000
Operating force		N		≤ 5	–	≤ 5	≤ 5	–
Operating torque		Nm		–	–	–	–	$\leq 0,3$
Degree of protection to IEC/EN 60 529				IP 20	IP 20	IP 66	IP 66	IP 66
Climatic proofing				Damp heat, constant, to IEC 60 068-2-3 Damp heat, cyclical, to IEC 60 068-2-30				
Ambient temperature								
	Min./Max.	$^{\circ}\text{C}$		–25/+70	–25/+70 ¹⁾	–25/+70	–25/+70	–25/+70
Mounting position				As required	As required	As required	As required	As required
Mechanical shock resistance (shock duration 11 ms) to IEC 60 068-2-27				> 30	> 30	> 30	> 30	> 30
Terminal capacity								
	Solid	Min./Max.	mm ²	0.75/2.5	0.75/2.5	–	–	–
	Stranded	Min./Max.	mm ²	0.5/1.5	0.5/1.5	–	–	–
Dimensions				→ Page 34	–	→ Page 33	→ Page 33	→ Page 33
Contacts								
Rated impulse withstand voltage U_{imp}				6000	4000	–	–	–
Rated insulation voltage U_i				500	250	–	–	–
Overvoltage category/pollution degree				III/3	III/3	–	–	–
Control circuit reliability at								
	24 V DC/5 mA	Fault probability H_F		$< 10^{-7}$, < 1 fault in 10^7 operations				
	5 V DC/1 mA	Fault probability H_F		$> = \times 10^{-6}$, < 1 fault in 5×10^6 operations				
Max. short-circuit protective device								
	Fuseless	Type		PKZM0–10/ FAZ-B6	–	–	–	–
	Fuse	A gL/gG		10	–	–	–	–
Switching capacity								
Rated operational current I_e								
AC-15	115 V	A		6	–	–	–	–
	230 V	A		6	–	–	–	–
	400 V	A		4	–	–	–	–
	500 V	A		2	–	–	–	–
DC-13	24 V	A		3	–	–	–	–
	42 V	A		1.7	–	–	–	–
	60 V	A		1.2	–	–	–	–
	110 V	A		0.8	–	–	–	–
	220 V	A		0.3	–	–	–	–
Lifespan, electrical								
AC-15	230 V/0.5 A	Operations	$\times 10^6$	1.6	–	–	–	–
	230 V/1.0 A	Operations	$\times 10^6$	1.0	–	–	–	–
	230 V/3.0 A	Operations	$\times 10^6$	0.7	–	–	–	–
DC-13	12 V/2.8 A	Operations	$\times 10^6$	1.2	–	–	–	–

Notes

¹⁾ > 200 V AC/60 Hz: –25/+55 $^{\circ}\text{C}$

RMQ Titan

Technical Data

				Key-operated actuators	Indicator lights	Illuminated push-button actuators, Push-button actuators Mushroom actuators Stay-put	Emergency-Stop actuators
General							
Standards				IEC/EN 60 947, VDE 0660			
Lifespan, mechanical	Operations	$\times 10^6$		0.1	–	3 ²⁾	0.1
Maximum operating frequency			Ops/h	100	–	1800	600
Operating force			N	–	–	≤ 5	≤ 50
Operating torque			Nm	≤ 0.5	–	–	–
Degree of protection to IEC/EN 60 529				IP 66	IP 66	IP 66	IP 66
Climatic proofing				Damp heat, constant, to IEC 60 068-2-3 Damp heat, cyclical, to IEC 60 068-2-30			
Ambient temperature							
	Min./Max.		°C	–25/+70	–25/+70	–25/+70	–25/+70
Mounting position				As required	As required	As required	As required
Mechanical shock resistance (shock duration 11 ms) to IEC 60 068-2-27			g	> 30	> 30	> 30	> 50
Terminal capacity							
Solid	Min./Max.		mm ²	–	–	–	–
Stranded	Min./Max.		mm ²	–	–	–	–
Dimensions				→ Page 33	→ Page 33	→ Page 33	→ Page 33

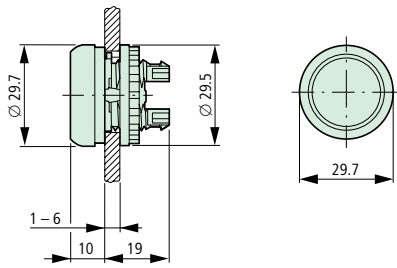
Notes

²⁾ 0.3 for M22-DRL-...

RMQ Titan

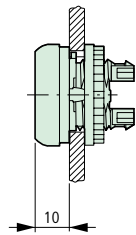
Dimensions

Actuators and indicators

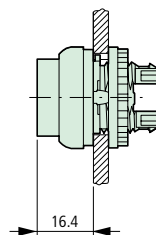


Push-button actuators

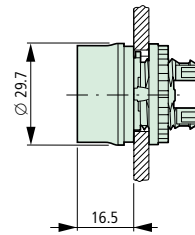
M22-D



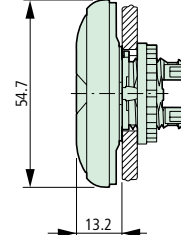
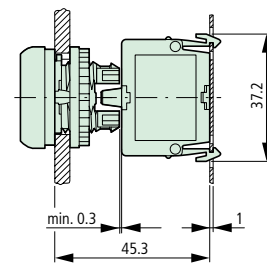
M22-DH



M22-DG

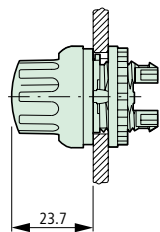
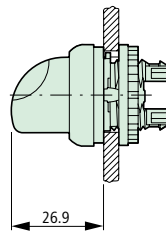


M22-DD

Push-button actuator in
base fixing

Selector switch actuators

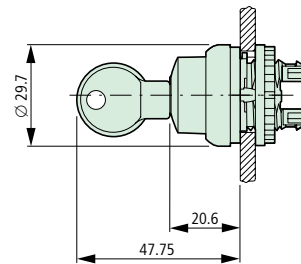
M22-W(R)...

M22-W(R)K...
M22-W(R)LK...

Key-operated actuators

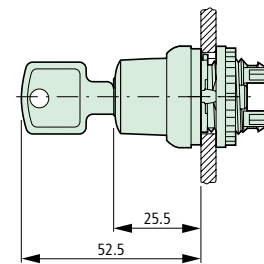
Individual lock mechanism

M22(S)-W(R)S-(MS...)



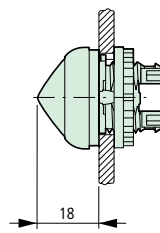
Master key systems

M22(S)-W(R)S-SA...

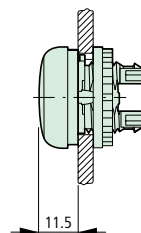


Indicator lights

M22-LH

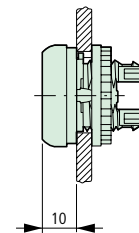


M22-L

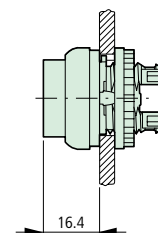


Illuminated push-button actuators

M22-DL

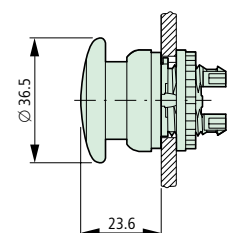


M22-DLH

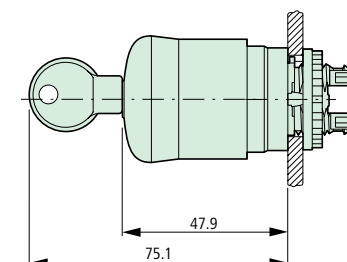


Mushroom actuators

M22-DP



Emergency-Stop actuator

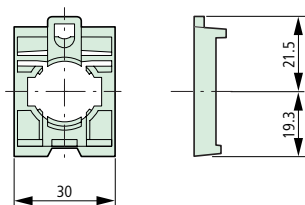
M22-PV, M22S-PV
M22-PVL, M22-PVS-...

RMQ Titan Dimensions

Front fixing (style: flush mounting)

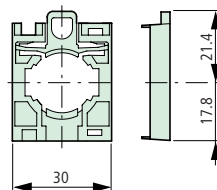
Fixing adapter

M22-A

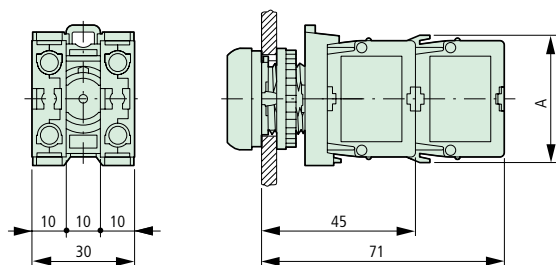


Centring adapter

M22-ZA

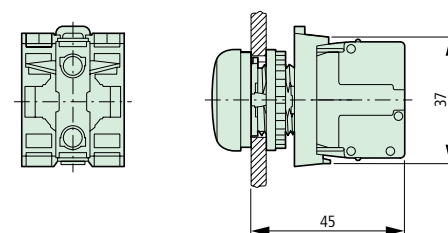


Actuator with M22-(C)K...

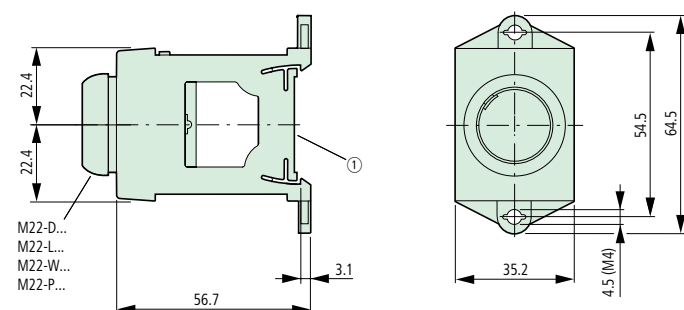


	1 × M22-K...	2 × M22-K...	1 × M22-CK...	2 × M22-CK...
A	37.2	37.2	39	39

Indicator light/Illuminated actuator

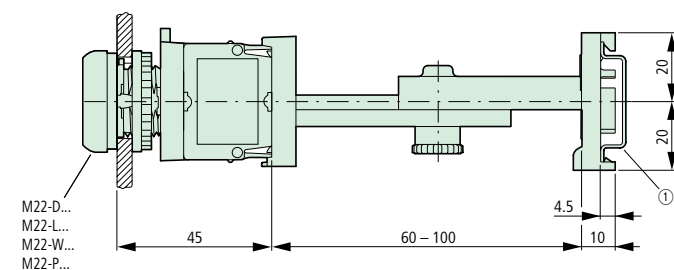


IVS Top-hat rail adapter



① For top-hat rails to EN 50 022

Button, illuminated push-button, indicator light With telescopic clip

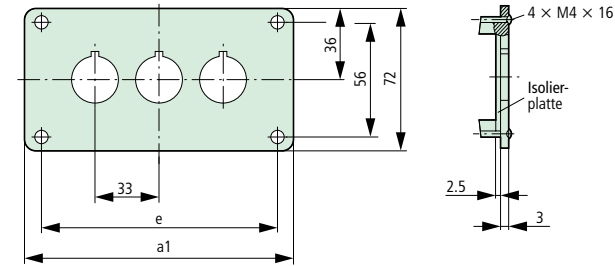


① Top-hat rail to EN 50 022

RMQ Titan Dimensions

Front fixing (style: flush mounting)

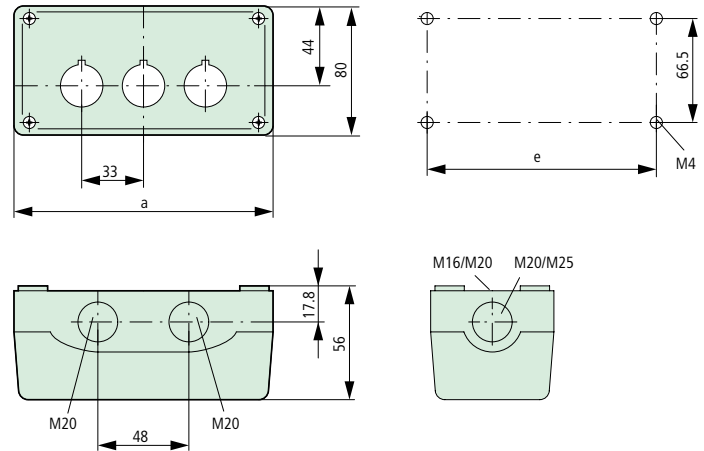
Flush mounting panel M22-E...



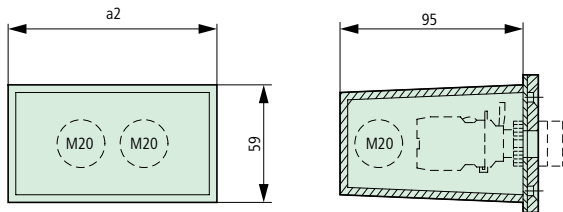
Type	a1	e
E (Y) 1	72	56
E 2	105	89
E 3	138	122
E 4	171	155
E 5	204	188
E 6	237	221

Base fixing (style: surface mounting)

Surface mounting enclosure M22-I...



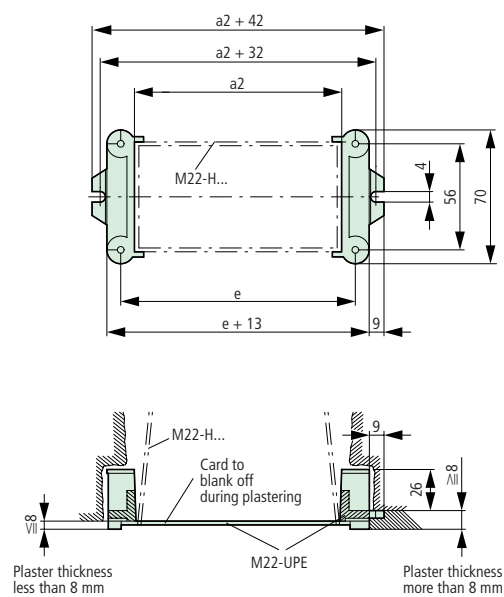
Shroud M22-H...



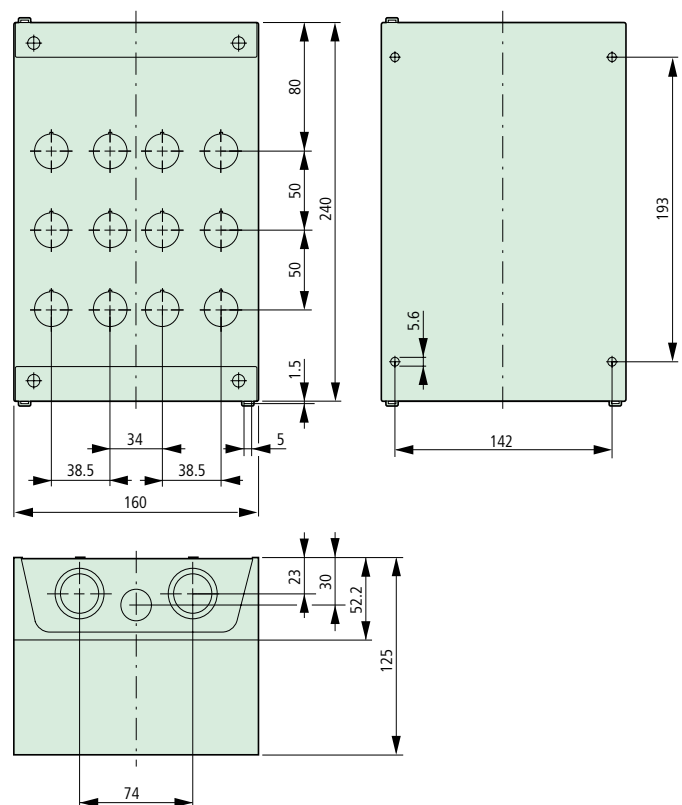
Type	a2	Cable entry	Style
H 1	42	3 × M20	One-part
H 2	75	4 × M20	
H 3	108	4 × M20	
H 4	141	4 × M20	Multi-part
H 5	174	5 × M20	
H 6	207	6 × M20	

Type	Number of locations	a	e	Cable entries		
M22-I (Y) 1	1	72	58.5	2 × M16	3 × M20	2 × M25
M22-I2	2	120	106.5	2 × M16	3 × M20	2 × M25
M22-I3	3	153	139.5	2 × M16	2 × M25	4 × M20
M22-I4	4	186	172.5	2 × M16	2 × M25	4 × M20
M22-I6	6	252	238.5	2 × M16	2 × M25	4 × M20

Shroud with plaster keys M22-UPE



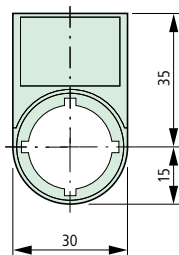
Surface mounting enclosure for 12 locations M22-I12



RMQ Titan Dimensions

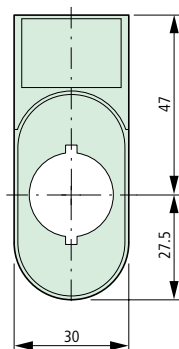
Label mounts

M22-ST



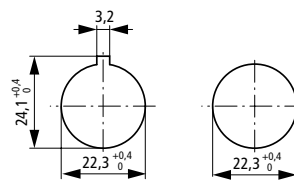
Grid dimension to IEC/EN 60 947

M22-STDD

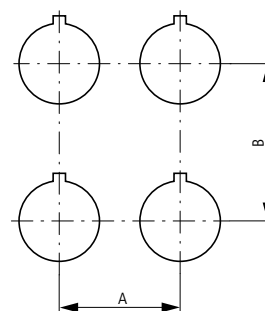
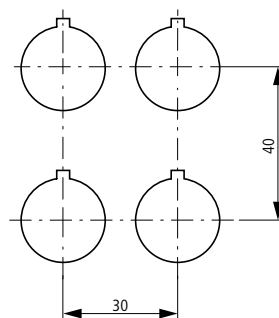
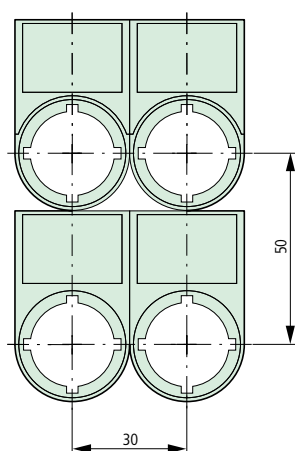


Minimal grid dimension

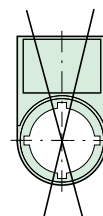
Mounting holes with/without lug slot



Grid dimension for different combinations

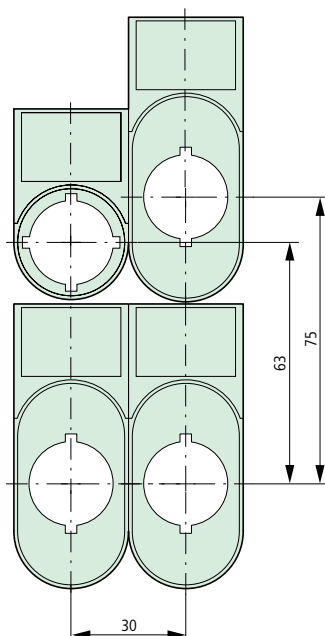


Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.

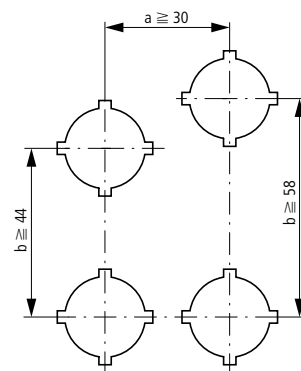


	A ≧	B ≧
IEC/EN 60 947	30	50
RMQ Titan min.	30	40
D + T-D	33	
DP	37	
D+DP	30	
PV	38	
PV+PL-PV	48	56
DD	30	55
DD+T-DD	33	58
DD+STDD	30	75

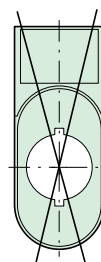
Grid dimension for M22-DD...



Grid dimension for QDD double actuators plus MT-DD diaphragms



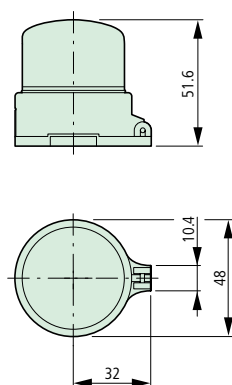
Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.



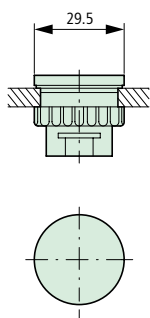
RMQ Titan Dimensions

Accessories

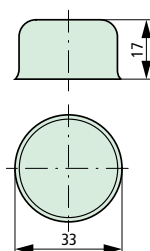
M22-PL-PV



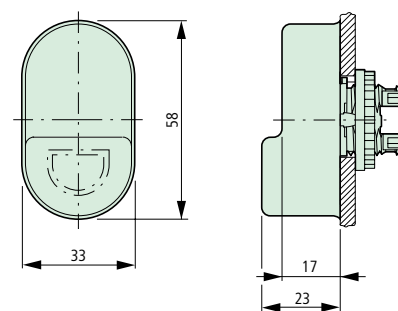
M22-B



M22-T-D

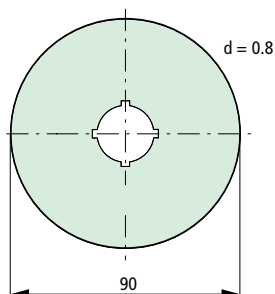


M22-T-DD

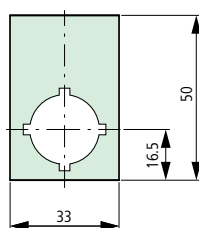


Emergency-Stop label

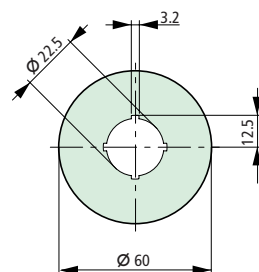
M22-XAK



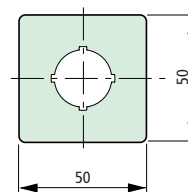
M22-XZK...



M22-XBK1



M22-XYK1



RMQ Titan Conversion Table

Unit	Type RMQ22	New type RMQ Titan	Unit	Type RMQ22	New type RMQ Titan
Push-button actuators			Double actuators		
Flush, spring-return	RD-01	M22-D-S	Non-illuminated	QDD-X	M22-DD-GR
	RD-02	M22-D-W		QDD-11/10	M22-DD-GR-X1/X0
	RD-03	M22-D-R		QDD-111/110	M22-DD-GR-GB1/GB0
	RD-04	M22-D-G		QDD-X	M22-DD-WS
	RD-05	M22-D-Y		QDD-20/19	M22-DD-WS-X1/X0
	RD-06	M22-D-B		QDD-122/112	M22-DD-WS-GB1/GB0
	RD-X	M22-D-X		QDD-32/32	M22-DD-S-X7/X7
				QDD-37/38	M22-DD-S-X4/X5
	RD-10	M22-D-R-X0	Illuminated	QDDL-X	M22-DDL-GR
	RD-11	M22-D-G-X1		QDDL-11/10	M22-DDL-GR-X1/X0
	RD-19	M22-D-S-X0		QDDL-111/110	M22-DDL-GR-GB1/GB0
	RD-20	M22-D-W-X1		QDDL-X	M22-DDL-WS
Flush, stay-put	–	M22-DR-S		QDDL-20/19	M22-DDL-WS-X1/X0
	–	M22-DR-W		QDDL-122/112	M22-DDL-WS-GB1/GB0
	–	M22-DR-R		QDDL-32/32	M22-DDL-S-X7/X7
	–	M22-DR-G		QDDL-37/38	M22-DDL-S-X4/X5
	–	M22-DR-Y	Mushroom actuators		
	–	M22-DR-B			
	–	M22-DR-X			
	–				
	–	M22-DR-R-X0		Spring-return	RP-SW01
	–	M22-DR-G-X1			RP-RT03
	–	M22-DR-S-X0			RP-GN04
	–	M22-DR-W-X1			RP-GE05
Extended, spring-return	RDH-SW01	M22-DH-S			RP-RT10
	–	M22-DH-W			RP-RT11
	RDH-RT03	M22-DH-R			RP-SW19
	RDH-GN04	M22-DH-G			RP-SW20
	RDH-GE05	M22-DH-Y			
	–	M22-DH-B			RP-SW-X
					RP-RT-X
	RDH-RT10	M22-DH-R-X0			RP-GN-X
	RDH-GN11	M22-DH-G-X1			RP-GE-X
	RDH-SW19	M22-DH-S-X0	Stay-put	–	M22-DRP-S
Extended, stay-put	RDH-SW20	M22-DH-W-X1		–	M22-DRP-R
	–	M22-DRH-S		–	M22-DRP-G
	–	M22-DRH-W		–	M22-DRP-Y
	–	M22-DRH-R		–	M22-DRP-R-X0
	–	M22-DRH-G		–	M22-DRP-G-X1
	–	M22-DRH-Y		–	M22-DRP-S-X0
	–	M22-DRH-B		–	M22-DRP-W-X1
	–			–	
	–	M22-DRH-R-X0		–	M22-DRP-S-X
	–	M22-DRH-G-X1		–	M22-DRP-R-X
	–	M22-DRH-S-X0		–	M22-DRP-G-X
	–	M22-DRH-W-X1		–	M22-DRP-Y-X
With guard ring	RDK-X	M22-DG-X			
Emergency-Stop actuators	RPV	M22-PV			
	–	M22-PVL			
Emergency-Stop Key-operated actuators	RPSR	M22-PVS			
	RPSR-KMS...	M22-PVS-MS*			

RMQ Titan

Conversion Table

Unit	Type RMQ22	New type RMQ Titan	Unit	Type RMQ22	New type RMQ Titan
Illuminated push-button actuators			Illuminated selector switch actuators		
Flush, spring-return	RLT-WS	M22-DL-W	Thumb-grip, Two positions, spring-return	RLWK1-WS	M22-WLK-W
	RLT-RT	M22-DL-R		RLWK1-RT	M22-WLK-R
	RLT-GN	M22-DL-G		RLWK1-GN	M22-WLK-G
	RLT-GE	M22-DL-Y		RLWK1-GE	M22-WLK-Y
	RLT-BL	M22-DL-B		RLWK1-BL	M22-WLK-B
	–	M22-DL-X	Thumb-grip, Two positions, stay-put	RLWK1R-WS	M22-WRLK-W
	–	M22-DL-R-X0		RLWK1R-RT	M22-WRLK-R
	–	M22-DL-G-X1		RLWK1R-GN	M22-WRLK-G
	–	M22-DL-W-X0		RLWK1R-GE	M22-WRLK-Y
	RLT-WS11	M22-DL-W-X1		RLWK1R-BL	M22-WRLK-B
Flush, stay-put	RLTR-WS	M22-DRL-W	Thumb-grip, Three positions, spring-return	RLWK3-WS	M22-WLK3-W
	RLTR-RT	M22-DRL-R		RLWK3-RT	M22-WLK3-R
	RLTR-GN	M22-DRL-G		RLWK3-GN	M22-WLK3-G
	RLTR-GE	M22-DRL-Y		RLWK3-GE	M22-WLK3-Y
	RLTR-BL	M22-DRL-B		RLWK3-BL	M22-WLK3-B
	–	M22-DRL-X	Thumb-grip, Three positions, stay-put	RLWK3R-WS	M22-WRLK3-W
	–	M22-DRL-R-X0		RLWK3R-RT	M22-WRLK3-R
	–	M22-DRL-G-X1		RLWK3R-GN	M22-WRLK3-G
	–	M22-DRL-W-X0		RLWK3R-GE	M22-WRLK3-Y
	–	M22-DRL-W-X1		RLWK3R-BL	M22-WRLK3-B
Extended, spring-return	RLTH-WS	M22-DLH-W	Indicator lights		
	RLTH-RT	M22-DLH-R			
	RLTH-GN	M22-DLH-G			
	RLTH-GE	M22-DLH-Y			
	RLTH-BL	M22-DLH-B			
	–	M22-DLH-R-X0	Flush	RLF-WS	M22-L-W
	–	M22-DLH-G-X1		RLF-RT	M22-L-R
	–	M22-DLH-W-X0		RLF-GN	M22-L-G
	RLTH-WS11	M22-DLH-W-X1		RLF-GE	M22-L-Y
				RLF-BL	M22-L-B
Extended, stay-put	–	M22-DRLH-W		–	M22-L-X
	–	M22-DRLH-R	Extended	RL-WS	M22-LH-W
	–	M22-DRLH-G		RL-RT	M22-LH-R
	–	M22-DRLH-Y		RL-GN	M22-LH-G
	–	M22-DRLH-B		RL-GE	M22-LH-Y
	–	M22-DRLH-R-X0		RL-BL	M22-LH-B
	–	M22-DRLH-G-X1	Compact, flush	–	M22-LC-W
	–	M22-DRLH-W-X0		–	M22-LC-R
	–	M22-DRLH-W-X1		–	M22-LC-G
				–	M22-LC-Y
				–	M22-LC-B
Extended, stay-put	–	M22-DRLH-W		–	M22-LC-X
	–	M22-DRLH-R	Compact, extended	–	M22-LCH-W
	–	M22-DRLH-G		–	M22-LCH-R
	–	M22-DRLH-Y		–	M22-LCH-G
	–	M22-DRLH-B		–	M22-LCH-Y
	–	M22-DRLH-R-X0		–	M22-LCH-B
	–	M22-DRLH-G-X1	Acoustic indicator	–	M22-AM
	–	M22-DRLH-W-X0			
	–	M22-DRLH-W-X1			

RMQ Titan Conversion Table

Unit	Type RMQ22	New type RMQ Titan	Unit	Type RMQ22	New type RMQ Titan
Key-operated actuators			LED elements		
Two positions	RS-KMS1-A1	M22-WS	Screw terminal	EF + GL24	M22-LED-W
	RS-KMS...-A1	M22-WS-MS*		EF + GL24	M22-LED-R
	RS-SA(...)	M22-WS-SA(*)-*		EF + GL24	M22-LED-G
	RS	M22-WRS		EF + GL24	M22-LED-B
	RS-KMS...	M22-WRS-MS*		EFC + GL24	M22-LEDC-W
	RS-KMS...	M22-WRS-MS*-A1		EFC + GL24	M22-LEDC-R
	RS-SA(...)	M22-WRS-SA(*)-*		EFC + GL24	M22-LEDC-G
Three positions	RS3-KMS1-A1	M22-WS3		EFC + GL24	M22-LEDC-B
	RS3-KMS...-A1	M22-WS3-MS*		EF3 + GL130	M22-LED230-W
	RS3-SA(...)	M22-WS3-SA(*)-*		EF3 + GL130	M22-LED230-R
	RS3	M22-WRS3		EF3 + GL130	M22-LED230-G
	RS3-KMS...	M22-WRS3-MS*		EF3 + GL130	M22-LED230-B
	RS3-KMS...	M22-WRS3-MS*-A*		EF3C + GL130	M22-LEDC230-W
	RS3-SA(...)	M22-WRS3-SA(*)-*		EF3C + GL130	M22-LEDC230-R
Replacement key				EF3C + GL130	M22-LEDC230-G
Individual lock mechanism MS1	ES-KMS1	M22-ES-MS1		EF3C + GL130	M22-LEDC230-B
Individual lock mechanism MS2-20	ES-KMS...	M22-ES-MS*	Cage Clamp	–	M22-CLED-W
for SA(...)	ES-NS...	M22-ES-SA(*)-*		–	M22-CLED-R
Selector switch actuators				–	M22-CLED-G
Rotary head, Two positions	RW1	M22-W		–	M22-CLED-B
	RW1R	M22-WR		–	M22-CLED-W
	RW1R+92T	M22-WR-X92		–	M22-CLED-R
	RW1R+97T	M22-WR-X91		–	M22-CLED-G
Rotary head, Three positions	RW3	M22-W3		–	M22-CLED-B
	RW3R	M22-WR3		–	M22-CLED230-W
Thumb-grip, Two positions	RWK1	M22-WK		–	M22-CLED230-R
	RWK1R	M22-WRK		–	M22-CLED230-G
Thumb-grip, Three positions	RWK3	M22-WK3		–	M22-CLED230-B
	RWK3R	M22-WRK3		–	M22-CLED230-W
	RWK3R-...	M22-WRK3-*		–	M22-CLED230-R
V position	RWK1V	M22-WKV		–	M22-CLED230-G
Functional elements				–	M22-CLED230-B
Make contact, Screw terminal	EK10	M22-K10	Make contact, Screw terminal	EK10	M22-K10
	EK10C	M22-KC10		EK10C	M22-KC10
Break contact, Screw terminal	EK01	M22-K01	Break contact, Screw terminal	EK01	M22-K01
	EK01C	M22-KC01		EK01C	M22-KC01
Make contact, Cage Clamp	–	M22-CK10	Make contact, Cage Clamp	–	M22-CK10
	–	M22-CKC10		–	M22-CKC10
Break contact, Cage Clamp	–	M22-CK01	Break contact, Cage Clamp	–	M22-CK01
	–	M22-CKC01		–	M22-CKC01
Fixing adapter (front)	BE3, BE6	M22-A			

RMQ Titan Conversion Table

Unit	Type RMQ22	New type RMQ Titan	Unit	Type RMQ22	New type RMQ Titan
Enclosures			Button lenses, Illuminated		
Surface mounting enclosure	I1M	M22-I1	Push-button actuator, flush	LLT-WS	M22-XDL-W
	IGE1M	M22-IY1		LLT-RT	M22-XDL-R
	I2M	M22-I2		LLT-GN	M22-XDL-G
	I3M	M22-I3		LLT-GE	M22-XDL-Y
	I4M	M22-I4		LLT-BL	M22-XDL-B
	I5M	M22-I6		Sond	M22-XDL-*. *
	I12M	M22-I12	Push-button actuator, extended	LLTH-WS	M22-XDLH-W
Flush mounting panel	E1M	M22-E1		LLTH-RT	M22-XDLH-R
	EGE1M	M22-EY1		LLTH-GN	M22-XDLH-G
	E2M	M22-E2		LLTH-GE	M22-XDLH-Y
	E3M	M22-E3		LLTH-BL	M22-XDLH-B
	E4M	M22-E4		Sond	M22-XDLH-*. *
	E5M	M22-E5			
	E6M	M22-E6			
Shroud	H1M	M22-H1	Flush	LLF-WS	M22-XL-W
	H2M	M22-H2		LLF-RT	M22-XL-R
	H3M	M22-H3		LLF-GN	M22-XL-G
	H4M	M22-H4		LLF-GE	M22-XL-Y
	H5M	M22-H5		LLF-BL	M22-XL-B
	H6M	M22-H6		Sond	M22-XL-*. *
Plaster Fixing key	UPE	M22-UPE	Extended	LL-WS	M22-XLH-W
				LL-RT	M22-XLH-R
Button plates, Non-illuminated				LL-GN	M22-XLH-G
Push-button actuators, flush	01T	M22-XD-S		LL-GE	M22-XLH-Y
	02T	M22-XD-W		LL-BL	M22-XLH-B
	03T	M22-XD-R			
	04T	M22-XD-G	Emergency-Stop labels		
	05T	M22-XD-Y	1AK	M22-XAK	
	06T	M22-XD-B	1AK-...	M22-XAK1	
	Sond	M22-XD-*. *	1AK-...	M22-XAK2	
Push-button actuators, extended	01T	M22-XDH-S	1AK-...	M22-XAK3	
	02T	M22-XDH-W	1AK-...	M22-XAK4	
	03T	M22-XDH-R	1AK-...	M22-XAK4	
	04T	M22-XDH-G	Sond	M22-XAK-*	
	05T	M22-XDH-Y	SR22	M22-XBK1	
	06T	M22-XDH-B	SQ22	M22-XYK1	
	Sond	M22-XDH-*. *	ZK05	M22-XZK	
	Mushroom actuator	01T	M22-XDP-S	ZK-199	M22-XZK-D99
02T		M22-XDP-W	ZK-299	M22-XZK-GB99	
03T		M22-XDP-R	ZK-399	M22-XZK-F99	
04T		M22-XDP-G	ZK-899	M22-XZK-I99	
05T		M22-XDP-Y	ZK-599	M22-XZK-NL99	
Sond		M22-XDP-*. *	ZK-499	M22-XZK-S99	
			ZK-699	M22-XZK-SF99	
			ZK-1099	M22-XZK-DK99	
			Sond	M22-XZK-*	
Insert plate For label mounts			XB	M22-XST	
			Sond	M22-XST-*	

RMQ Titan Conversion Table

Unit	Type RMQ22	New type RMQ Titan	Unit	Type RMQ22	New type RMQ Titan
Legend plate complete	RBS-90	M22S-ST-X88	Accessories		
	RBS-98	M22S-ST-X89	Blanking plug	RB22G	M22-B
	RBS-93	M22S-ST-X93	Blanking plug	RB22S	M22S-B
	RBS-117	M22S-ST-D5	Legend plate Label mounts; without label	RBS-X	M22S-ST-X
	RBS-121	M22S-ST-D6	Legend plate Label mounts f. DD(L)	QBS-X	M22S-STDD-X
	RBS-183	M22S-ST-D7	Actuator protectivediaphragm	MT-D	M22-T-D
	RBS-150	M22S-ST-D8	Actuator protectivediaphragm	MT-DD	M22-T-DD
	RBS-196	M22S-ST-D10	Sealable shroud	PL-RPV	M22-PL-PV
	RBS-195	M22S-ST-D11	Telescopic clip	TC-RMQ	M22-TC
	RBS-197	M22S-ST-D12	Centring adapter	BE3Z	M22-ZA
	RBS-110	M22S-ST-GB0	IVS Top-hat rail adapter	–	M22-IVS
	RBS-111	M22S-ST-GB1	Threading ring	GR22	M22-GR
	RBS-217	M22S-ST-GB5	Combination box spanner	R22-MS	M22-MS
	RBS-221	M22S-ST-GB6	Bulb extractor	R22-MS	M22-LG
	RBS-283	M22S-ST-GB7	Plunger bridge	–	M22-XW
	RBS-250	M22S-ST-GB8	Coding adapter	SP-RMQ-RT	M22-XC-R
	RBS-296	M22S-ST-GB10	Coding adapter	SP-RMQ-GE	M22-XC-Y
	RBS-395	M22S-ST-GB11	Set of adapter rings 30/22.5mm	R22/30-SW	M22S-R30
	RBS-397	M22S-ST-GB12	Fixing plate	2Z116-171.03.5	M22-XE5
Complete modules	BK01	M22-AK01			
	BK10	M22-AK10			
	BK11	M22-AK11			
Complete units	QDD-11/10/K11	M22-DD-GR-X1/X0/K11			
	QDDL-11/10/K11/F	M22-DDL-GR-X1/X0/K11/230-W			
	RD-10/K01	M22-D-R-X0/K01			
	RD-10/K11	M22-D-R-X0/K11			
	RD-11/K10	M22-D-G-X1/K10			
	RD-11/K11	M22-D-G-X1/K11			
	RPSR/K01	M22-PVS/K01			
	RPV/K01	M22-PV/K01			
	RPV/K11	M22-PV/K11			
	RS/K11	M22-WRS/K11			
	RWK1R/K10	M22-WRK/K10			
	RWK1R/K11	M22-WRK/K11			
	RWK3R/K20	M22-WRK3/K20			
	RD-10/KC/I	M22-D-R-X0/KC11/I			
	RD-11/KC/I	M22-D-G-X1/KC11/I			
	RPSR/KC/I	M22-PVS/KC11/IY			
	RPV/K02C/I	M22-PV/KC02/IY			
	RPV/KC/I	M22-PV/KC11/IY			
	RS/KC/I	M22-WRS/KC11/I			
	1M/I	M22-I1-M1			
	1M/IGE	M22-I1Y-M1			
	R2M/I	M22-I2-M1			
	R3M/I	M22-I3-M1			
	R3M-L/I	M22-I3-M2			
	R4M/I	M22-I4-M1			