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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

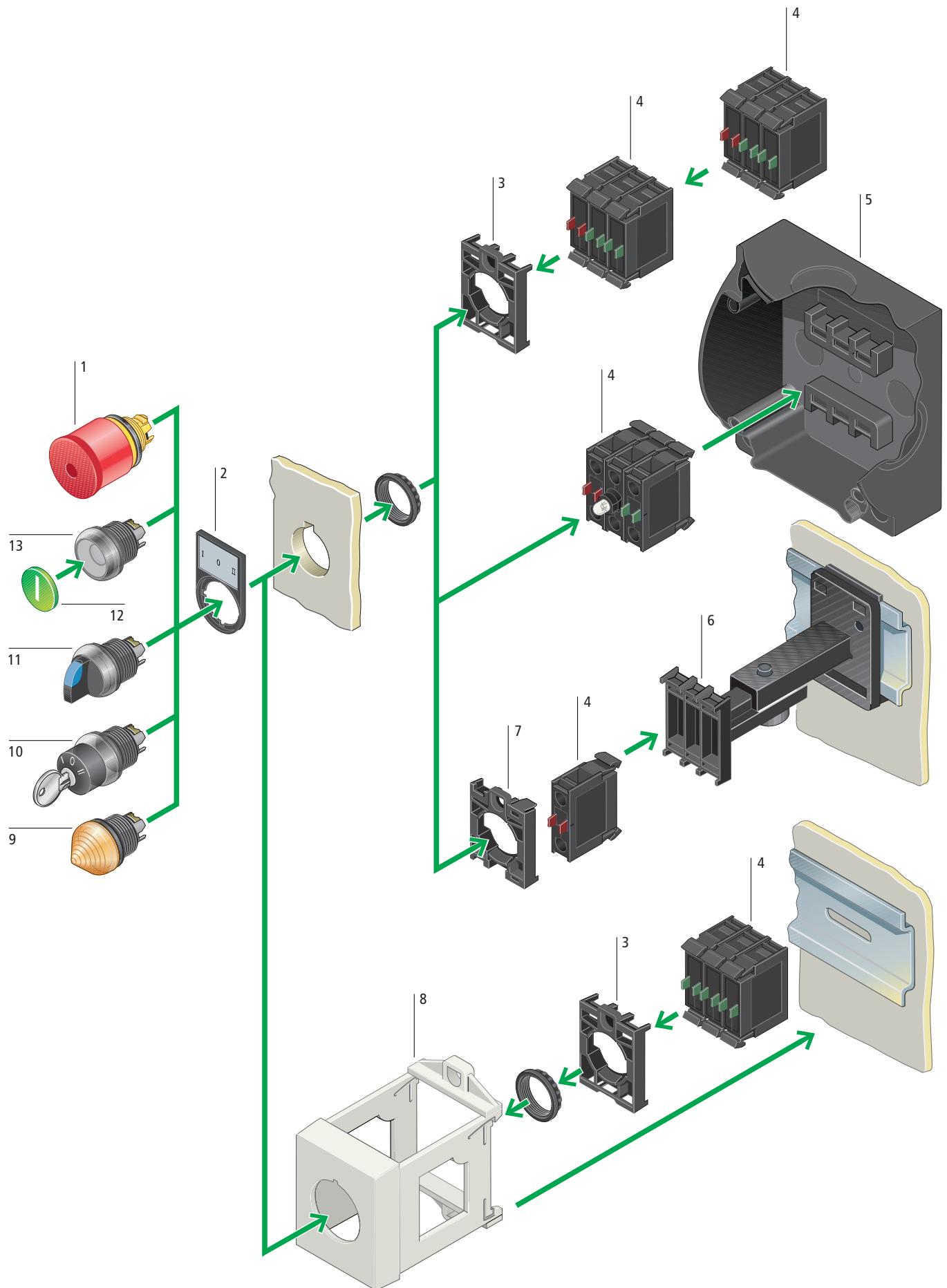
All button plates, indicator lights and additional button plates from the RMQ Titan Control Circuit Devices program can be supplied with any text and symbols. The information is etched by laser and will remain permanently – in contrast to printed elements. Additional button plates can also be engraved, 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		Centring adapter	7	With standard text and symbols or individual text	
→ Page 25		For centring of actuators and indicators when using telescopic clips		→ Page 26	
Fixing adapter	3	→ Page 29		Push-button actuators	13
For front fixing		IVS top-hat rail adapter	8	Spring-return and stay-put	
For contact and LED elements		For direct mounting to top-hat rail to EN 50 022		Flush and extended	
→ Page 22		→ Page 29		With and without guard ring	
Contact elements	4	Indicator lights	9	Mushroom actuators	
Break and make		Flush and conical versions		Double actuators	
Universal contacts suitable for use with electronic devices		Colours: white, green, red, yellow, blue		Colour: white, green, red, yellow, blue, black	
Positive opening safety function to IEC/EN 60 947-5 -1		→ Page 18		Illuminated push-button actuators	
→ Page 22		Key-operated actuators	10	Colour: white, green, red, yellow, blue	
LED elements	4	Two or three positions		→ Page 11	
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	
			Type Article no.	Price See Price List
				Std. pack
Push-button actuators				
Flush		Contacts ¹⁾ M = Make, B = Break, \ominus = Positive opening safety function to IEC/EN 60 947-5-1		
		1 M -		M22-D-G-X1/K10 216512
		- 1 B \ominus		M22-D-R-X0/K01 216510
		1 M 1 B \ominus		M22-D-G-X1/K11 216513
		1 M 1 B \ominus		M22-D-R-X0/K11 216511
Double push-buttons				
Cover plate, black		1 M -		M22-DD-GR-X1/X0/K11 216506
		- 1 B \ominus		
With LED element Lens assembly, white 85 – 264 V AC		1 M -		M22-DDL-GR-X1/X0/K11/230-W 216509
		- 1 B \ominus		
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
		1 M 1 B \ominus		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 \ominus		M22-WRS/K11 216517

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

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.

2) grey = RAL 7035

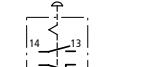
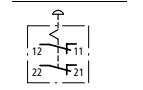
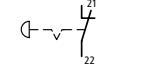
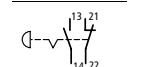
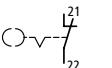
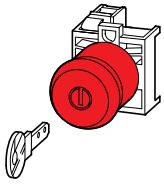
yellow = RAL 1004

RMQ Titan
 Double Actuators

Button plate version	Front ring titanium	Front ring black	Price See Price List	Std. pack																																																																															
Double actuators, IP 65																																																																																			
Without indicator light, Cover plate, black	 <table> <tr><td></td><td>M22-DD-GR-X1/X0 216685</td><td>M22S-DD-GR-X1/X0 216686</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-WS-X1/X0 216691</td><td>M22S-DD-WS-X1/X0 216692</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-GR-GB1/GB0 216687</td><td>M22S-DD-GR-GB1/GB0 216688</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-WS-GB1/GB0 216693</td><td>M22S-DD-WS-GB1/GB0 216694</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-S-X7/X7 216695</td><td>M22S-DD-S-X7/X7 216696</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-S-X4/X5 218143</td><td>M22S-DD-S-X4/X5 218144</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-GR 216683</td><td>M22S-DD-GR 216684</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>M22-DD-WS 216689</td><td>M22S-DD-WS 216690</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		M22-DD-GR-X1/X0 216685	M22S-DD-GR-X1/X0 216686									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									5 off
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RMQ Titan

Emergency-Stop Actuators

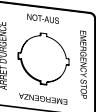
	Contacts M = Make, B = Break, \ominus = Positive opening safety function to IEC/EN 60 947-5-1	Colour: Enclosure top, yellow	Type Article no.	Price See Price List	Std. pack
		Plunger ¹⁾			
Complete units for surface mounting, IP 66					
Emergency-Stop actuator, tamper-proof to ISO 13 850/EN 418 Pull to release Max. configuration: 3 × M22-(C)K...					
  	1 M 1 B - 2 B	 	 	M22/PV/KC11/I 216525 M22/PV/KC02/I 216524	2 off 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 \ominus 1 M 1 B \ominus	 	 	M22/PV/K01 216515 M22/PV/K11 216516	5 off 5 off
Emergency-stop actuator Non-illuminated					
  	- - -		 	M22/PV 216876 M22/PV-GVP 216877	10 off 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	- -	-		5 off
	Individual lock mechanism MS 2 – 20	- -	-		1 off
  					
Emergency-stop key-operated mushroom actuator to ISO 13 850/EN 418					
With 1 key, Individual lock mechanism MS 1		- 1 B \ominus			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 Emergency Stop GB Arrêt d'urgence F EMERGENZA I NOODSTOP NL NÖDSTOPP S HÄTÄ-SEIS SF NØDSTOP DK Blank — With individual text ¹⁾		M22-XZK-D99 216471 M22-XZK-GB99 216472 M22-XZK-F99 216473 M22-XZK-I99 216474 M22-XZK-NL99 216475 M22-XZK-S99 216476 M22-XZK-SF99 216477 M22-XZK-DK99 216478 M22-XZK 216470 M22-XZK-* 216479 M22-XYK1 216484		10 off 10 off
50 × 50 mm	Four-language	D, GB, F, I			
					
$\varnothing = 90$ mm	Blank Four-language D, GB, F, I Four-language D, GB, E, POR Four-language D, GB, NL, F Four-language GB, S, SF, DK With individual text			M22-XAK 216464 M22-XAK1 216465 M22-XAK2 216466 M22-XAK3 216467 M22-XAK4 216468 M22-XAK-* 216469 M22-XBK1 216483	10 off 10 off 10 off 10 off 10 off 10 off
$\varnothing = 60$ mm	Four-language	D, GB, F, I			
					
Sealable shroud²⁾					
				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		
	Type Article no.	Type Article no.	Price See Price List	
			Std. pack	
Push-button actuators, IP 66				
Flush, spring-return	     	M22-D-S 216590 M22-D-W 216592 M22-D-R 216594 M22-D-G 216596 M22-D-Y 216598 M22-D-B 216600	M22S-D-S 216591 M22S-D-W 216593 M22S-D-R 216595 M22S-D-G 216597 M22S-D-Y 216599 M22S-D-B 216601	10 off
	       	M22-D-X 216602 M22-D-X-GVP 216603	M22S-D-X 216604 -	50 off
		M22-D-R-X0 216605 M22-D-G-X1 216607 M22-D-S-X0 216609 M22-D-W-X1 216611	M22S-D-R-X0 216606 M22S-D-G-X1 216608 M22S-D-S-X0 216610 M22S-D-W-X1 216612	10 off
Flush, stay-put	     	M22-DR-S 216613 M22-DR-W 216615 M22-DR-R 216617 M22-DR-G 216619 M22-DR-Y 216621 M22-DR-B 216623	M22S-DR-S 216614 M22S-DR-W 216616 M22S-DR-R 216618 M22S-DR-G 216620 M22S-DR-Y 216622 M22S-DR-B 216624	5 off
Programmable stay-put/spring-return function	             	M22-DR-X 216625 M22-DR-X-GVP 216626	M22S-DR-X 216627 -	50 off
		M22-DR-R-X0 216628 M22-DR-G-X1 216630 M22-DR-S-X0 216632 M22-DR-W-X1 216634	M22S-DR-R-X0 216629 M22S-DR-G-X1 216631 M22S-DR-S-X0 216633 M22S-DR-W-X1 216635	5 off

RMQ Titan

Push-Button Actuators

	Button plate	Front ring titanium	Front ring black	Price See Price List	Std. pack
Push-button actuators, IP 66					
Extended, spring-return	         	M22-DH-S 216636 M22-DH-W 216638 M22-DH-R 216640 M22-DH-G 216643 M22-DH-Y 216646 M22-DH-B 216649 M22-DH-R-X0 216655 M22-DH-G-X1 216657 M22-DH-S-X0 216659 M22-DH-W-X1 216661	M22S-DH-S 216637 M22S-DH-W 216639 M22S-DH-R 216642 M22S-DH-G 216644 M22S-DH-Y 216647 M22S-DH-B 216650 M22S-DH-R-X0 216656 M22S-DH-G-X1 216658 M22S-DH-S-X0 216660 M22S-DH-W-X1 216662		5 off
Extended, stay-put	         	M22-DRH-S 216663 M22-DRH-W 216665 M22-DRH-R 216667 M22-DRH-G 216669 M22-DRH-Y 216671 M22-DRH-B 216673 M22-DRH-R-X0 216675 M22-DRH-G-X1 216677 M22-DRH-S-X0 216679 M22-DRH-W-X1 216681	M22S-DRH-S 216664 M22S-DRH-W 216666 M22S-DRH-R 216668 M22S-DRH-G 216670 M22S-DRH-Y 216672 M22S-DRH-B 216674 M22S-DRH-R-X0 216676 M22S-DRH-G-X1 216678 M22S-DRH-S-X0 216680 M22S-DRH-W-X1 216682		5 off
Programmable stay-put/spring-return function	Without	M22-DG-X 220921	—		5 off
With guard ring, spring-return					

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						
Spring-return						
			M22-DP-S 216712	M22S-DP-S 216713		
			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		
			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		
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	—		
Without			M22-DP-R-X-GVP 216732	—		
Without			M22-DP-G-X-GVP 216735	—		
Without			M22-DP-Y-X-GVP 216738	—		
						25 off

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		
Programmable stay-put/spring-return function			M22-DRP-Y 216749	M22S-DRP-Y 216750		
			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

	Function ↓ = stay-put ↗ = spring-return	Text	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price	Std.
Selector switch actuators, Two positions IP 66						
Rotary head	↗ 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	—	
Thumb-grip handle	↗ 40°	—	M22-WK 216865	M22S-WK 216866	—	
	↓ 60°	—	M22-WRK 216867	M22S-WRK 216869	—	10 off
	↓ 60°	—	M22-WRK-GVP 216868	—	—	50 off
Thumb-grip handle, V position	↙ 60°	—	M22-WKV 216874	M22S-WKV 216875	—	5 off
Selector switch actuators, Three positions IP 66						
Rotary head	40° ↘ 40°	—	M22-W3 216861	M22S-W3 216862	—	5 off
	60° ↓ 60°	—	M22-WR3 216863	M22S-WR3 216864	—	
Thumb-grip handle	40° ↘ 40°	—	M22-WK3 216870	M22S-WK3 216871	—	
	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	M22-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	
	Function ↓ = stay-put ↗ = spring-return	Key can be withdrawn in position	Type Article no.	Type Article no.	Price See Price List Std. pack
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*

1 – 20
(Individual lock mechanism no.)

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

A1	0
A2	I 0
A3	0 II
A4	I 0
A5	0
A6	0 II
A7	0

RMQ Titan

Key-Operated Actuators for Master Key Systems

Function ↓ = stay-put ↗ = spring-return	Key can be withdrawn in position	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Key-operated actuators IP 66¹⁾					
Two positions, cannot be fitted with coding adapters with 2 keys ²⁾	↗ 40° 0 ↗ 60° 0 I	M22-WS-SA(*)-* 216885 M22-WRS-SA(*)-* 216892	M22S-WS-SA(*)-* 216886 M22S-WRS-SA(*)-* 216893		1 off
Three positions, cannot be fitted with coding adapters with 2 keys ²⁾	↗ 40° 0 ↗ 60° 0 I	M22-WS3-SA(*)-* 216898 M22-WRS3-SA(*)-* 216905	M22S-WS3-SA(*)-* 216899 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

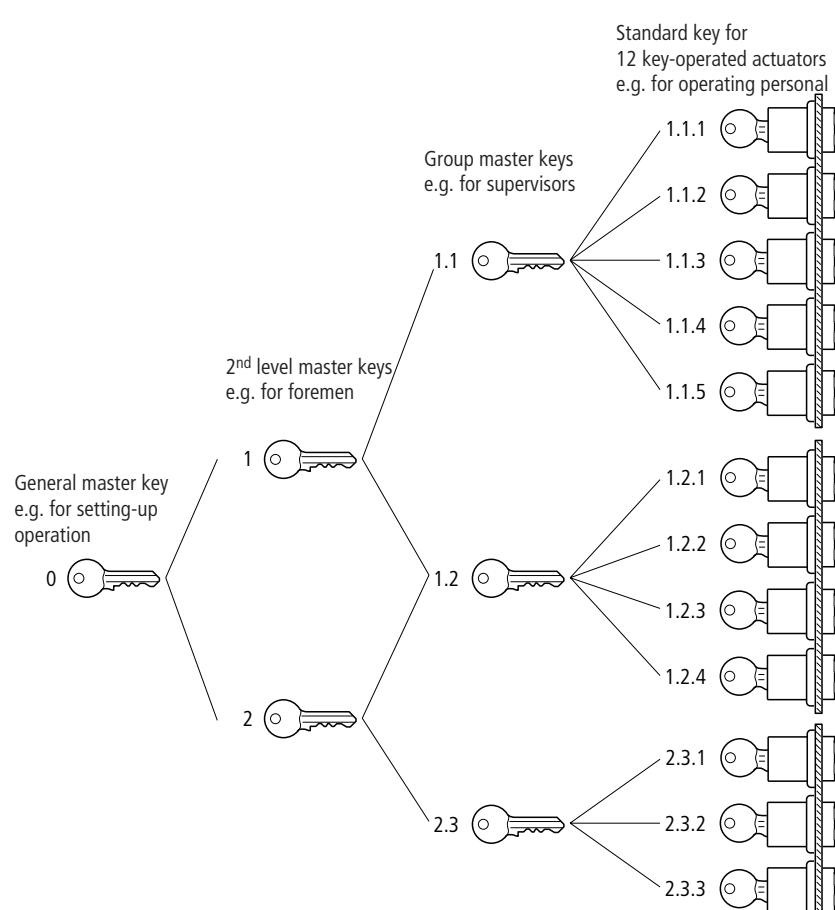
Master key systems

- 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.

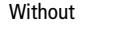
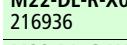
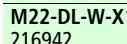
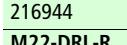
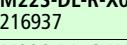
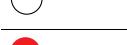
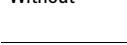
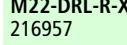
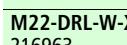
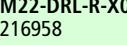
For each of the 3 groups there is one master key that can open all locks in its groups.
In the 2nd level, the 3 groups are combined to form 2 main groups, the 2nd level master keys can open all the locks from several groups. The general master key covers the 2 main groups and thus open all 12 locks of 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		50 off
	Without lens	M22-L-X-GVP 216777		
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	
	Type Article no.	Type Article no.	Price See Price List
			Std. pack
Illuminated push-button actuators IP 66			
Flush, spring-return	    	M22-DL-W 216922 M22-DL-R 216925 M22-DL-G 216927 M22-DL-Y 216929 M22-DL-B 216931 M22-DL-X 216933 M22-DL-X-GVP 216934   	M22S-DL-W 216924 M22S-DL-R 216926 M22S-DL-G 216928 M22S-DL-Y 216930 M22S-DL-B 216932 M22S-DL-X 216935 
			10 off
Flush, stay-put	    	M22-DRL-W 216944 M22-DRL-R 216946 M22-DRL-G 216948 M22-DRL-Y 216950 M22-DRL-B 216952 M22-DRL-X 216954 M22-DRL-X-GVP 216955   	M22S-DRL-W 216945 M22S-DRL-R 216947 M22S-DRL-G 216949 M22S-DRL-Y 216951 M22S-DRL-B 216953 M22S-DRL-X 216956 
			5 off
Programmable stay-put/spring-return function			
			50 off
			10 off
			5 off
			50 off
			5 off

RMQ Titan Illuminated Push-Buttons

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

RMQ Titan Illuminated Selector Switch Actuators

			Front ring titanium	Front ring black	
	Function	Thumb-grip colour	Type Article no.	Type Article no.	Price See Price List
Illuminated selector switch actuators, thumb-grip handle IP 66					
Two positions					
Spring-return	↓ = stay-put ↗ = spring-return				
			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	M22S-WLK3-W 216834	5 off
	40° ↘ 40°	○	M22-WLK3-R 216835	M22S-WLK3-R 216836	
	40° ↘ 40°	●	M22-WLK3-G 216837	M22S-WLK3-G 216838	
	40° ↘ 40°	●	M22-WLK3-Y 216839	M22S-WLK3-Y 216840	
	40° ↘ 40°	●	M22-WLK3-B 216841	M22S-WLK3-B 216842	
Stay-put	60° ↓ 60°				
			M22-WRLK3-W 216843	M22S-WRLK3-W 216844	
	60° ↓ 60°	○	M22-WRLK3-R 216845	M22S-WRLK3-R 216846	
	60° ↓ 60°	●	M22-WRLK3-G 216847	M22S-WRLK3-G 216848	
	60° ↓ 60°	●	M22-WRLK3-Y 216849	M22S-WRLK3-Y 216850	
	60° ↓ 60°	●	M22-WRLK3-B 216851	M22S-WRLK3-B 216852	
Stay-put, spring-return ¹⁾	40° ↘ 60°				
	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

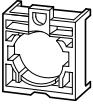
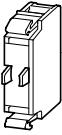
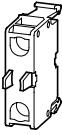
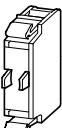
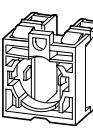
Notes

1) Example: M22-WRLK3-*/*

1 = ↓
 2 = ↘
 Colour

RMQ Titan

Fixing Adapters, Contact Elements

Contacts ¹⁾ M = Make, B = Break, \ominus = Positive opening safety function to IEC/EN 60 947-5-1	Configuration ²⁾	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	M22-A 216374	50 off		
		1 3 2	M22-A-GVP 216375	500 off		
Contact elements with screw terminals						
Front fixing						
	1 M –	³ 4	0 2.7 5.5	1 3 2	M22-K10 216376	50 off
	– 1 B \ominus	¹ 2	0 1.0 5.5	1 3 2	M22-K10-GVP 216377	500 off
					M22-K01 216378	50 off
					M22-K01-GVP 216379	500 off
Base fixing						
	1 M –	³ 4	0 2.7 5.5	2 3 1	M22-KC10 216380	20 off
	– 1 B \ominus	¹ 2	0 1.0 5.5	2 3 1	M22-KC10-GVP 216381	200 off
					M22-KC01 216382	20 off
					M22-KC01-GVP 216383	200 off
Contact elements with cage clamp³⁾						
Front fixing						
	1 M –	³ 4	0 2.8 5.5	1 3 2	M22-CK10 216384	10 off
	– 1 B \ominus	¹ 2	0 1.0 5.5	1 3 2	M22-CK01 216385	10 off
Base fixing						
	1 M –	³ 4	0 2.8 5.5	2 3 1	M22-CKC10 216386	10 off
	– 1 B \ominus	¹ 2	0 1.0 5.5	2 3 1	M22-CKC01 216387	10 off
Complete modules						
Combination of contact element and fixing adapter,						
Front fixing						
	1 M 1 B \ominus	¹³ 14 ²¹ 22	0 1.0 2.7 5.5	1 3 2	M22-AK11 216505	5 off
	1 M –	¹³ 14	0 2.7 5.5	1 3 2	M22-AK10 216504	
	– 1 B \ominus	²¹ 22	0 1.0 5.5	1 3 2	M22-AK01 216503	

Notes

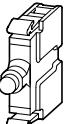
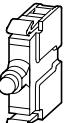
1) $\begin{cases} 1^x \\ 1^y \end{cases}$ x = Sequence numbers on fixing adapter
y = Function numbers on contact element

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

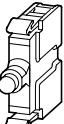
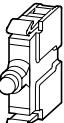
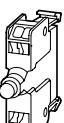
3) Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden

RMQ Titan

LED Elements

Rated operational voltage	Rated operational current	Rated lifespan at $T_a = +25^\circ\text{C}$	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	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	M22-LED-W 216557 M22-LED-R 216558 M22-LED-G 216559 M22-LED-B 218057	20 off
	18 – 30 V AC/DC	8 – 15 mA	100,000 h	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	M22-LEDC-W 216560 M22-LEDC-R 216561 M22-LEDC-G 216562 M22-LEDC-B 218058	20 off
Front fixing						
	85 – 264 V AC	5 – 15 mA	100,000 h	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	M22-LED230-W 216563 M22-LED230-R 216564 M22-LED230-G 216565 M22-LED230-B 218059	20 off
	85 – 264 V AC	5 – 15 mA	100,000 h	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	M22-LEDC230-W 216566 M22-LEDC230-R 216567 M22-LEDC230-G 216568 M22-LEDC230-B 218060	20 off

RMQ Titan LED Elements

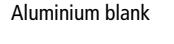
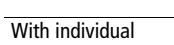
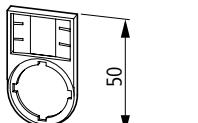
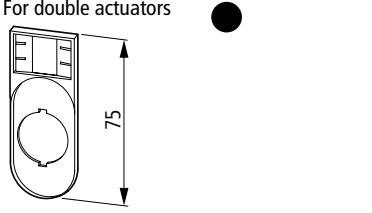
	Rated operational voltage	Rated operational current	Rated lifespan at $T_a = +25^\circ\text{C}$	Colour	Type Article no.	Price See Price List	Std. pack
LED elements with Cage Clamp¹⁾							
Front fixing							
	18 – 30 V AC/DC	8 – 15 mA	100,000 h	○	M22-CLED-W 216569		10 off
				●	M22-CLED-R 216570		
				●	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			
 50	M22S-ST-X 216392	100 off	
	M22S-ST-X-GVP 216393	500 off	
 75	M22S-STDD-X 216394	10 off	

RMQ Titan

Button Plates, Button Lenses, Lenses

For use with	Colour	Style: Flush		Style: Extended		Std. pack
		Type Article no.	Price See Price List	Type Article no.	Price See Price List	
Button plates, Push-button actuator						
M22(S)-D-X M22(S)-DR-X	●	M22-XD-S 216421		M22-XDH-S 216428		
	○	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

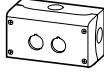
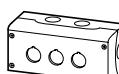
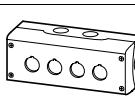
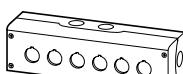
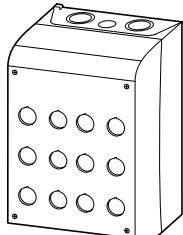
	Number of locations	Cable entry knockouts	Type Article no.	Price See Price List	Std. pack
	Number	Colour ¹⁾	Number × M20		
Flush mounting panels IP 54					
Legend plates cannot be used if push-buttons are fitted in vertical column Without apertures, if required					
Aluminium with yellow paint finish for Emergency-Stop buttons	1		–	M22-EY1 2165472	5 off
Aluminium, light anodized	1		–	M22-E1 216541	
	2		–	M22-E2 216543	
	3		–	M22-E3 216544	
	4		–	M22-E4 216545	1 off
	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	Yellow	M22-IY1 216536	2 off
	1	2 × 16 2 × 25/20 1 × 20	Grey	M22-I1 216535	2 off
	2	2 × 16 1 × 20 2 × 25/20	Grey	M22-I2 216537	1 off
	3	2 × 16 2 × 25/20 2 × 20	Grey	M22-I3 216538	
	4	2 × 16 2 × 25/20 2 × 20	Grey	M22-I4 216539	
	6	2 × 16 2 × 25/20 2 × 20	Grey	M22-I6 216540	
Surface mounting enclosure IP 65 <small>[totally insulated]</small>					
	12	2 × 32/25 4 × 32/25 2 × 20	Grey	M22-I12 222688	1 off

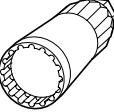
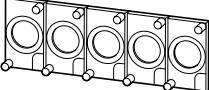
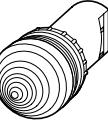
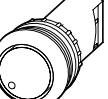
Notes

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		M22-T-D 216395	10 off	
	Push-button actuators M22(S)-D(R)-... Illuminated push-button actuators M22(S)-DL-..., M22(S)-DRL-... Indicator light, flush M22(S)-L(C)-...			
	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		○	M22-LC-W 216907	10 off	
					
		●	M22-LC-R 216908		
		●	M22-LC-G 216909		
		●	M22-LC-Y 216910		
		●	M22-LC-B 216911		
		Without lens	M22-LC-X 216912		
			M22-LCH-W 216914		
Extended, with BA 9s lamp socket		○	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.	°C	-25/+70	-25/+70 ¹⁾	-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	> 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
Contacts						
Rated impulse withstand voltage U_{imp}	V	6000	4000	-	-	-
Rated insulation voltage U_i	V	500	250	-	-	-
Overtoltage 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 °C

RMQ Titan
 Technical Data

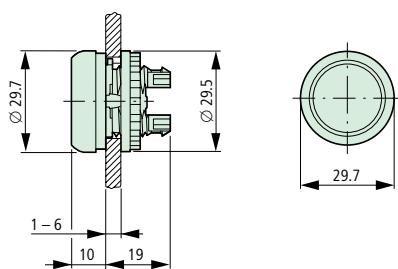
	Key-operated actuators	Indicator lights	Illuminated push-button actuators, Push-button actuators Mushroom actuators	Emergency-Stop actuators
General				
Standards	IEC/EN 60 947, VDE 0660			
Lifespan, mechanical	$\times 10^6$	0.1	—	3 ²⁾
Operations		—	1800	0.1
Maximum operating frequency	Ops/h	100	—	600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

Notes

2) 0.3 for M22-DRL-...

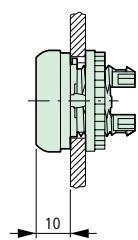
RMQ Titan Dimensions

Actuators and indicators

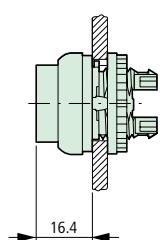


Push-button actuators

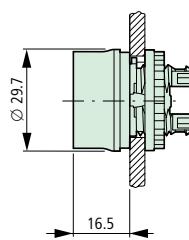
M22-D



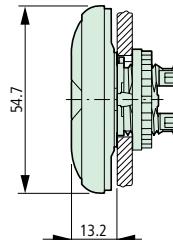
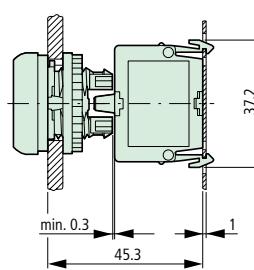
M22-DH



M22-DG

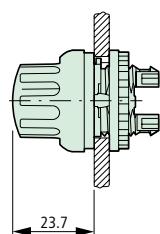
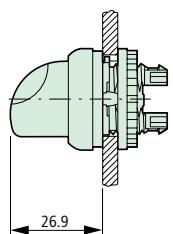


M22-DD

Push-button actuator in
base fixing

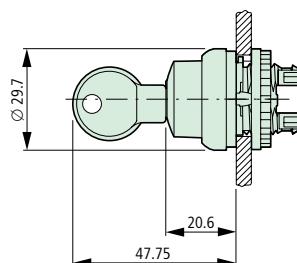
Selector switch actuators

M22-W(R)...

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

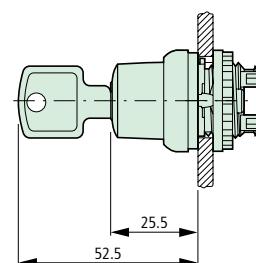
Key-operated actuators Individual lock mechanism

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



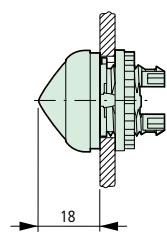
Master key systems

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

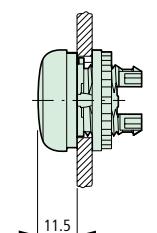


Indicator lights

M22-LH

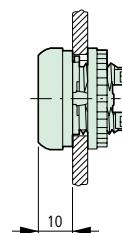


M22-L

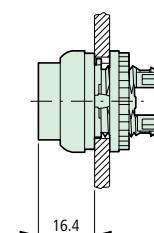


Illuminated push-button actuators

M22-DL

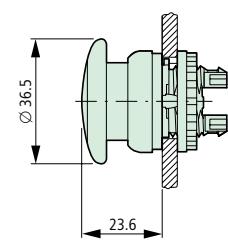


M22-DLH

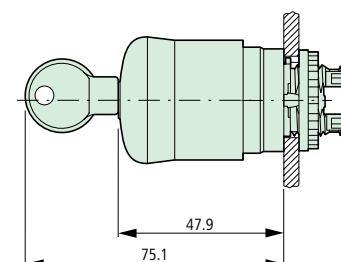


Mushroom actuators

M22-DP



Emergency-Stop actuator

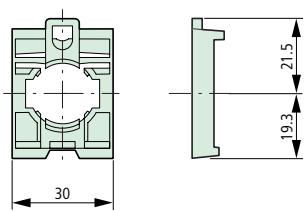
M22-PV, M22S-PV
M22-PVL, M22-PVS-...

RMQ Titan Dimensions

Front fixing (style: flush mounting)

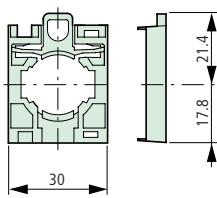
Fixing adapter

M22-A

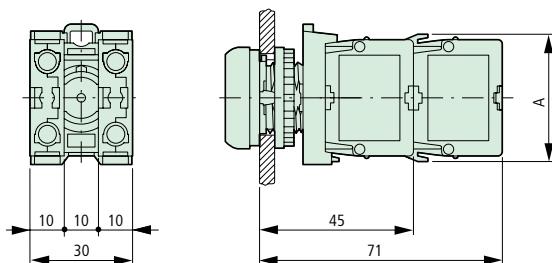


Centring adapter

M22-ZA

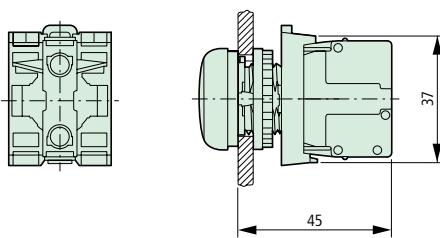


Actuator with M22-(C)K...

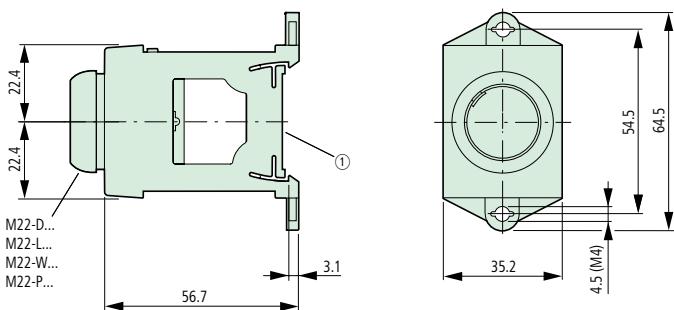


	1 × M22-K...	2 × M22-K...	1 × M22-CK...	2 × M22-CK...
A	37.2	37.2	39	39

Indicator light/Illuminated actuator

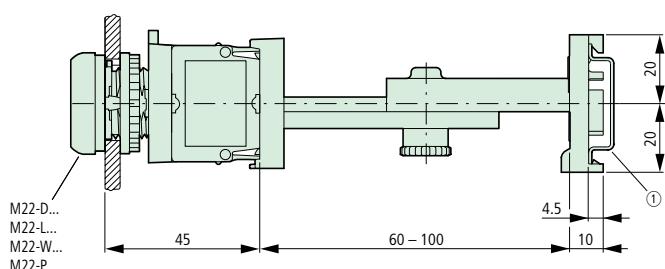


IVS Top-hat rail adapter



① For top-hat rails to EN 50 022

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

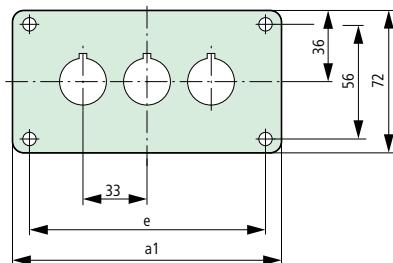


① Top-hat rail to EN 50 022

RMQ Titan Dimensions

Front fixing (style: flush mounting)

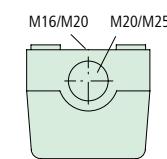
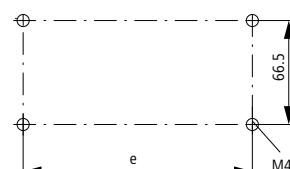
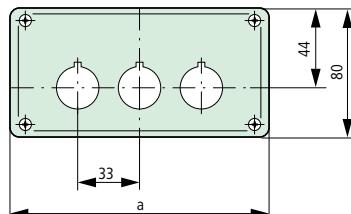
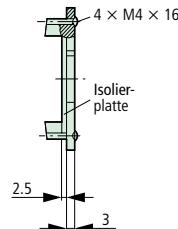
Flush mounting panel
M22-E...



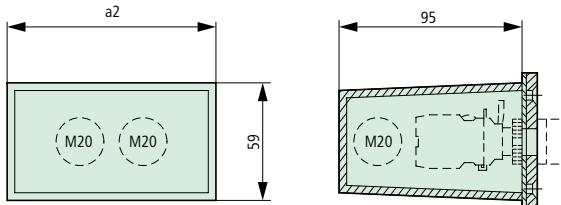
Type	a1	e
E (Y) 1	72	56
E 2	105	89
E 3	138	122
E 4	171	155
E 5	204	188
E 6	237	221

Base fixing (style: surface mounting)

Surface mounting enclosure
M22-I...



Shroud M22-H...

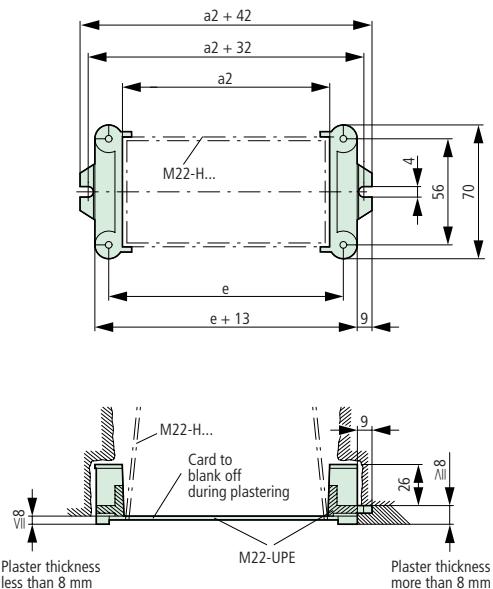


Type	a2	Cable entry	Style
H 1	42	3 x M20	One-part
H 2	75	4 x M20	
H 3	108	4 x M20	
H 4	141	4 x M20	Multi-part
H 5	174	5 x M20	
H 6	207	6 x M20	

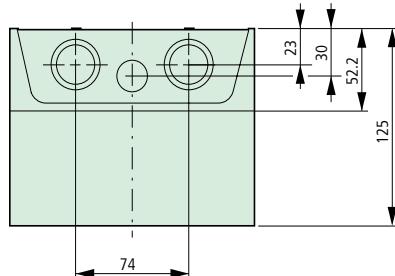
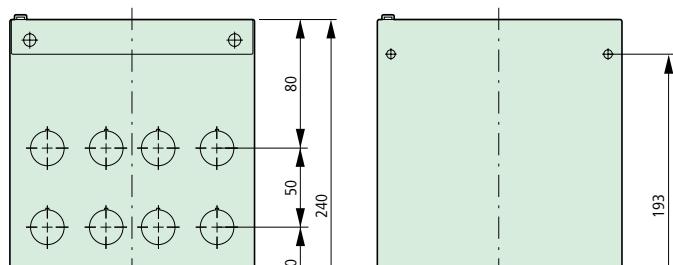
Type | Number of locations | a | e | Cable entries

M22-I (Y) 1	1	72	58.5	2 x M16	3 x M20	2 x M25
M22-I2	2	120	106.5	2 x M16	3 x M20	2 x M25
M22-I3	3	153	139.5	2 x M16	2 x M25	4 x M20
M22-I4	4	186	172.5	2 x M16	2 x M25	4 x M20
M22-I6	6	252	238.5	2 x M16	2 x M25	4 x M20

Shroud with plaster keys M22-UPE



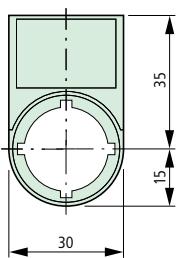
Surface mounting enclosure for 12 locations M22-I12



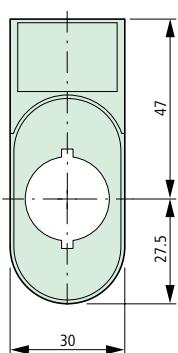
RMQ Titan Dimensions

Label mounts

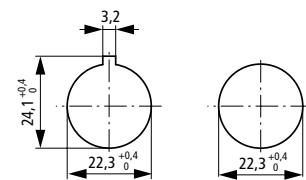
M22-ST



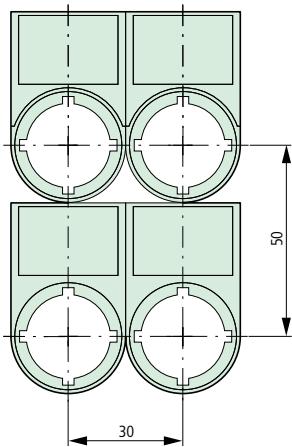
M22-STDD



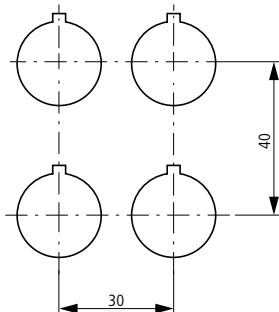
Mounting holes with/without lug slot



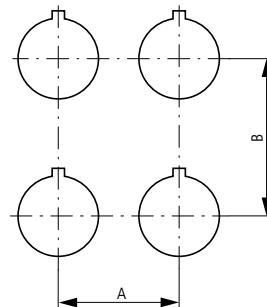
Grid dimension to IEC/EN 60 947



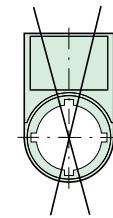
Minimal grid dimension



Grid dimension for different combinations

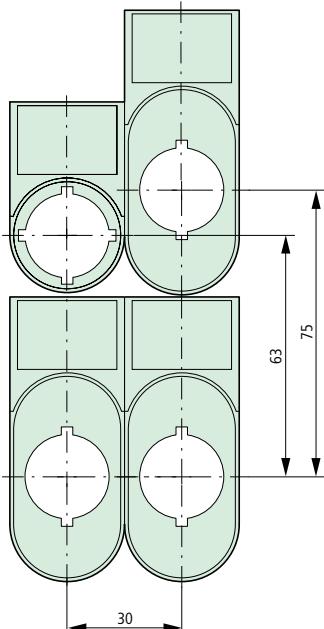


Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.

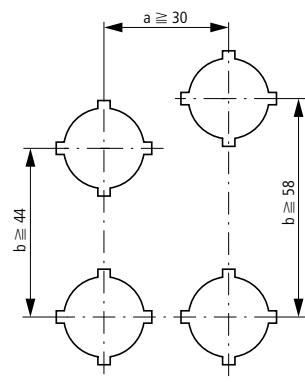


	A \geq	B \geq
IEC/EN 60 947	30	50
RMQ Titan min.	30	40
D + T-D	33	
DP	37	
D+DP	30	
PV	38	
PV+PL-PV	48	56
DD	30	55
DD+T-DD	33	58
DD+STDD	30	75

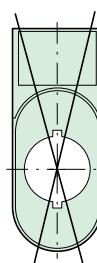
Grid dimension for M22-DD...



Grid dimension for QDD double actuators plus MT-DD diaphragms



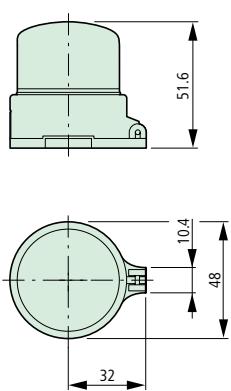
Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.



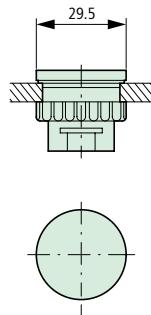
RMQ Titan Dimensions

Accessories

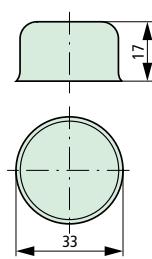
M22-PL-PV



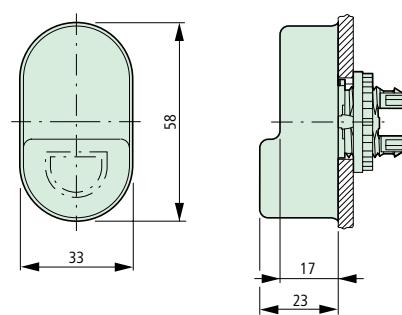
M22-B



M22-T-D

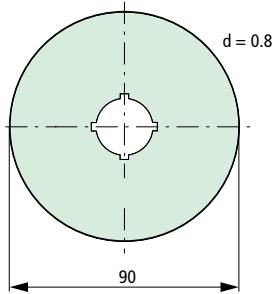


M22-T-DD

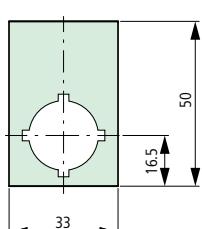


Emergency-Stop label

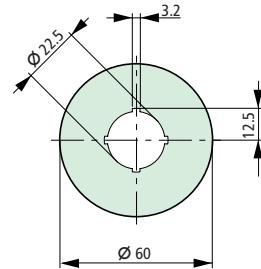
M22-XAK



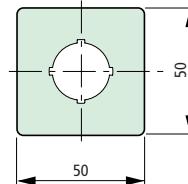
M22-XZK...



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	
	RD-10	M22-D-R-X0		QDD-37/38	M22-DD-S-X4/X5	
	RD-11	M22-D-G-X1	Illuminated	QDDL-X	M22-DDL-GR	
	RD-19	M22-D-S-X0		QDDL-11/10	M22-DDL-GR-X1/X0	
	RD-20	M22-D-W-X1		QDDL-111/110	M22-DDL-GR-GB1/GB0	
Flush, stay-put	–	M22-DR-S		QDDL-X	M22-DDL-WS	
	–	M22-DR-W		QDDL-20/19	M22-DDL-WS-X1/X0	
	–	M22-DR-R		QDDL-122/112	M22-DDL-WS-GB1/GB0	
	–	M22-DR-G		QDDL-32/32	M22-DDL-S-X7/X7	
	–	M22-DR-Y		QDDL-37/38	M22-DDL-S-X4/X5	
	–	M22-DR-B	Mushroom actuators			
	–	M22-DR-X	Spring-return	RP-SW01	M22-DP-S	
	–	M22-DR-R-X0		RP-RT03	M22-DP-R	
	–	M22-DR-G-X1		RP-GN04	M22-DP-G	
	–	M22-DR-S-X0		RP-GE05	M22-DP-Y	
	–	M22-DR-W-X1		RP-RT10	M22-DP-R-X0	
Extended, spring-return	RDH-SW01	M22-DH-S		RP-RT11	M22-DP-G-X1	
	–	M22-DH-W		RP-SW19	M22-DP-S-X0	
	RDH-RT03	M22-DH-R		RP-SW20	M22-DP-W-X1	
	RDH-GN04	M22-DH-G		RP-SW-X	M22-DP-S-X	
	RDH-GE05	M22-DH-Y		RP-RT-X	M22-DP-R-X	
	–	M22-DH-B		RP-GN-X	M22-DP-G-X	
	RDH-RT10	M22-DH-R-X0		RP-GE-X	M22-DP-Y-X	
	RDH-GN11	M22-DH-G-X1	Stay-put	–	M22-DRP-S	
	RDH-SW19	M22-DH-S-X0		–	M22-DRP-R	
	RDH-SW20	M22-DH-W-X1		–	M22-DRP-G	
Extended, stay-put	–	M22-DRH-S		–	M22-DRP-Y	
	–	M22-DRH-W		–	M22-DRP-R-X0	
	–	M22-DRH-R		–	M22-DRP-G-X1	
	–	M22-DRH-G		–	M22-DRP-S-X0	
	–	M22-DRH-Y		–	M22-DRP-W-X1	
	–	M22-DRH-B		–	M22-DRP-S-X	
	–	M22-DRH-R-X0		–	M22-DRP-R-X	
	–	M22-DRH-G-X1		–	M22-DRP-G-X	
	–	M22-DRH-S-X0		–	M22-DRP-Y-X	
	–	M22-DRH-W-X1				
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		RLWK3R...	M22-WRLK3-*/*		
	RLTH-RT	M22-DLH-R	Indicator lights				
	RLTH-GN	M22-DLH-G	Flush	RLF-WS	M22-L-W		
	RLTH-GE	M22-DLH-Y		RLF-RT	M22-L-R		
	RLTH-BL	M22-DLH-B		RLF-GN	M22-L-G		
	-	M22-DLH-R-X0		RLF-GE	M22-L-Y		
	-	M22-DLH-G-X1		RLF-BL	M22-L-B		
	-	M22-DLH-W-X0		-	M22-L-X		
	RLTH-WS11	M22-DLH-W-X1	Extended	RL-WS	M22-LH-W		
Extended, stay-put	-	M22-DRLH-W		RL-RT	M22-LH-R		
	-	M22-DRLH-R		RL-GN	M22-LH-G		
	-	M22-DRLH-G		RL-GE	M22-LH-Y		
	-	M22-DRLH-Y		RL-BL	M22-LH-B		
	-	M22-DRLH-B	Compact, flush	-	M22-LC-W		
	-	M22-DRLH-R-X0		-	M22-LC-R		
	-	M22-DRLH-G-X1		-	M22-LC-G		
	-	M22-DRLH-W-X0		-	M22-LC-Y		
	-	M22-DRLH-W-X1		-	M22-LC-B		
				-	M22-LC-X		
			Compact, extended	-	M22-LCH-W		
				-	M22-LCH-R		
				-	M22-LCH-G		
				-	M22-LCH-Y		
				-	M22-LCH-B		
			Acoustic indicator	-	M22-AM		

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			
for SA(...)	ES-NS...	M22-ES-SA(*)-*	–	M22-CLED-W		
Selector switch actuators			–	M22-CLED-R		
Rotary head, Two positions	RW1	M22-W	–	M22-CLED-G		
	RW1R	M22-WR	–	M22-CLED-B		
	RW1R+92T	M22-WR-X92	–	M22-CLED230-W		
	RW1R+97T	M22-WR-X91	–	M22-CLED230-R		
Rotary head, Three positions	RW3	M22-W3	–	M22-CLED230-G		
	RW3R	M22-WR3	–	M22-CLED230-B		
Thumb-grip, Two positions	RWK1	M22-WK	–	M22-CLEDC230-W		
	RWK1R	M22-WRK	–	M22-CLEDC230-R		
Thumb-grip, Three positions	RWK3	M22-WK3	–	M22-CLEDC230-G		
	RWK3R	M22-WRK3	–	M22-CLEDC230-B		
	RWK3R...	M22-WRK3-*				
V position	RWK1V	M22-WKV				
Functional elements						
Make contact, Screw terminal	EK10	M22-K10				
	EK10C	M22-KC10				
Break contact, Screw terminal	EK01	M22-K01				
	EK01C	M22-KC01				
Make contact, Cage Clamp	–	M22-CK10				
	–	M22-CKC10				
Break contact, Cage Clamp	–	M22-CK01				
	–	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		M22-XDLH-W
Flush mounting panel	E1M	M22-E1	LLTH-WS	M22-XDLH-R	
	EGE1M	M22-EY1	LLTH-RT	M22-XDLH-G	
	E2M	M22-E2	LLTH-GN	M22-XDLH-Y	
	E3M	M22-E3	LLTH-GE	M22-XDLH-B	
	E4M	M22-E4	LLTH-BL	M22-XDLH-*-*	
	E5M	M22-E5	Sond	M22-XDLH-*-*	
	E6M	M22-E6	Lenses, Indicator lights		
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
Button plates, Non-illuminated				LL-RT	M22-XLH-R
Push-button actuators, flush	01T	M22-XD-S		LL-GN	M22-XLH-G
	02T	M22-XD-W		LL-GE	M22-XLH-Y
	03T	M22-XD-R		LL-BL	M22-XLH-B
	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	Sond	M22-XAK-*	
	04T	M22-XDH-G	SR22	M22-XBK1	
	05T	M22-XDH-Y	SQ22	M22-XYK1	
	06T	M22-XDH-B	ZK05	M22-XZK	
	Sond	M22-XDH-*-*	ZK-199	M22-XZK-D99	
Mushroom actuator	01T	M22-XDP-S	ZK-299	M22-XZK-GB99	
	02T	M22-XDP-W	ZK-399	M22-XZK-F99	
	03T	M22-XDP-R	ZK-899	M22-XZK-I99	
	04T	M22-XDP-G	ZK-599	M22-XZK-NL99	
	05T	M22-XDP-Y	ZK-499	M22-XZK-S99	
	Sond	M22-XDP-*-*	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		Accessories			
RBS-90	M22S-ST-X88	Blanking plug	RB22G	M22-B	
RBS-98	M22S-ST-X89	Blanking plug	RB22S	M22S-B	
RBS-93	M22S-ST-X93	Legend plate Label mounts; without label	RBS-X	M22S-ST-X	
RBS-117	M22S-ST-D5	Legend plate Label mounts f. DD(L)	QBS-X	M22S-STDD-X	
RBS-121	M22S-ST-D6	Actuator protectivediaphragm	MT-D	M22-T-D	
RBS-183	M22S-ST-D7	Actuator protectivediaphragm	MT-DD	M22-T-DD	
RBS-150	M22S-ST-D8	Sealable shroud	PL-RPV	M22-PL-PV	
RBS-196	M22S-ST-D10	Telescopic clip	TC-RMQ	M22-TC	
RBS-195	M22S-ST-D11	Centring adapter	BE3Z	M22-ZA	
RBS-197	M22S-ST-D12	IVS Top-hat rail adapter	—	M22-IVS	
RBS-110	M22S-ST-GB0	Threading ring	GR22	M22-GR	
RBS-111	M22S-ST-GB1	Combination box spanner	R22-MS	M22-MS	
RBS-217	M22S-ST-GB5	Bulb extractor	R22-MS	M22-LG	
RBS-221	M22S-ST-GB6	Plunger bridge	—	M22-XW	
RBS-283	M22S-ST-GB7	Coding adapter	SP-RMQ-RT	M22-XC-R	
RBS-250	M22S-ST-GB8	Coding adapter	SP-RMQ-GE	M22-XC-Y	
RBS-296	M22S-ST-GB10	Set of adapter rings 30/22.5mm	R22/30-SW	M22S-R30	
RBS-395	M22S-ST-GB11	Fixing plate	2Z116-171.03.5	M22-XE5	
RBS-397	M22S-ST-GB12				
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				