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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.

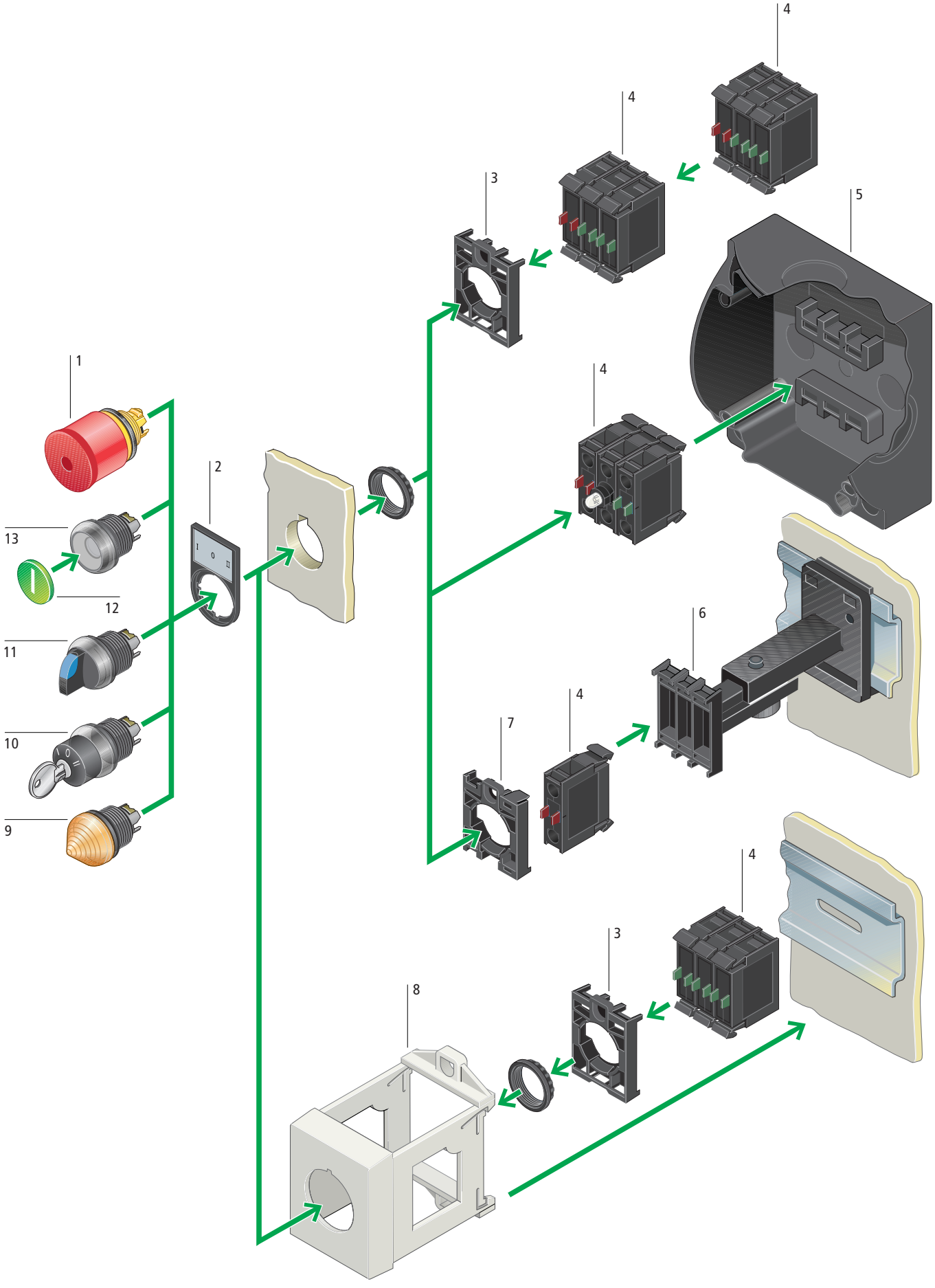
Made-to-measure symbols and text

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

Tamper-proof to ISO 13 850/EN 418

Can be secured by means of sealable shroud

Additional plates with and without text



BG classification applied for

→ Page 9

Label mounts 2

For insert plates

Colour: black

Insert plates aluminium-coloured, with and without text, can be engraved

→ Page 25

Fixing adapter 3

For front fixing

For contact and LED elements

→ Page 22

Contact elements 4

Break and make

Universal contacts suitable for use with electronic devices

Positive opening safety function to IEC/EN 60 947-5 -1

→ Page 22

LED elements 4

Voltage range:

18 – 30 V DC
85 – 264 V AC

→ Page 23

Enclosures 5

IP 66 surface mounting enclosure up to 6 locations

IP 54 flush mounting panel up to 6 locations

IP 40 shrouds for flush mounting plates

→ Page 27

Telescopic clips 6

For adjusting the depth of rear mounting devices in CI enclosures, CI-K4 enclosures and panels

→ Page 29

Centring adapter 7

For centring of actuators and indicators when using telescopic clips

→ Page 29

IVS top-hat rail adapter 8

For direct mounting to top-hat rail to EN 50 022

→ Page 29

Indicator lights 9

Flush and conical versions

Colours: white, green, red, yellow, blue

→ Page 18

Key-operated actuators 10

Two or three positions

Programmable spring-return/stay-put function and key withdrawal

Suitable for master key systems

→ Page 16

Selector switch actuators 11

Two or three positions

With rotary head, thumb-grip handle

Programmable spring-return/stay-put function

Illuminated selector switch actuators with transparent thumb-grip

Colours: white, green, red, yellow, blue

→ Page 15

Button plates/button lenses 12

Laser-engraved text for push-button actuators and mushroom actuators

Button lenses for illuminated push-button actuators and indicator lights, flush

With standard text and symbols or individual text

→ Page 26

Push-button actuators 13

Spring-return and stay-put

Flush and extended

With and without guard ring

Mushroom actuators

Double actuators

Colour: white, green, red, yellow, blue, black

Illuminated push-button actuators

Colour: white, green, red, yellow, blue

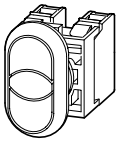
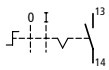
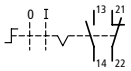
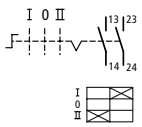
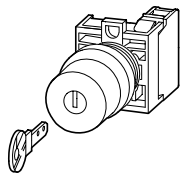
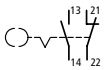
→ Page 11

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

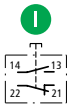
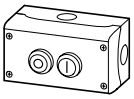
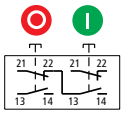
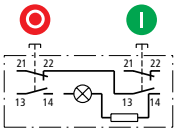
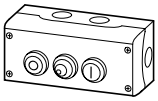
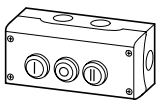
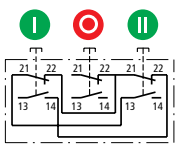
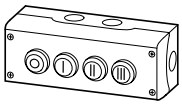
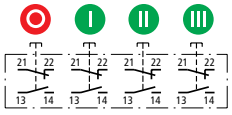
Complete Units for Front Mounting, Front IP 66

	Button plate	Contacts[1] M = Make, B = Break, ⊖ = Positive opening safety function to IEC/EN 60 947-5-1			Front ring titanium Type Article no.	Price See Price List	Std. pack
Push-button actuators							
Flush 	I	1 M	–		**M22-D-G-X1/K10** 216512		5 off
	O	–	1 B ⊖		**M22-D-R-X0/K01** 216510		
	I	1 M	1 B ⊖		**M22-D-G-X1/K11** 216513		
	O	1 M	1 B ⊖		**M22-D-R-X0/K11** 216511		
Double push-buttons							
Cover plate, black 	I	1 M	–		**M22-DD-GR-X1/X0/K11** 216506		5 off
	O	–	1 B ⊖				
With LED element Lens assembly, white 85 – 264 V AC	I	1 M	–		**M22-DDL-GR-X1/X0/K11/230-W** 216509		5 off
	O	–	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

	Number of locations	Contacts[1] M = Make, B = Break, ⊖ = Positive opening safety function to IEC/EN 60 947-5-1			Colour[2] Enclosure top	Front ring titanium 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 buttons[2]								
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

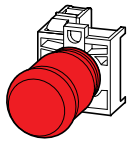
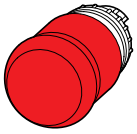
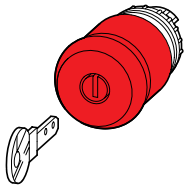
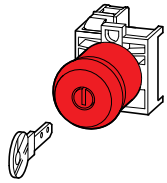
1) Special versions can be supplied as complete units for orders of 50 or more.
Switch positions 0, I, II correspond to the position of the actuating element viewed from the front.

2) grey = RAL 7035
yellow = RAL 1004

RMQ Titan
Double Actuators

	Button plate version	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Double actuators, IP 65					
Without indicator light, Cover plate, black 	I 0	**M22-DD-GR-X1/X0** 216685	**M22S-DD-GR-X1/X0** 216686		5 off
	I 0	**M22-DD-WS-X1/X0** 216691	**M22S-DD-WS-X1/X0** 216692		
	START STOP	**M22-DD-GR-GB1/GB0** 216687	**M22S-DD-GR-GB1/GB0** 216688		
	START STOP	**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 	I 0	**M22-DDL-GR-X1/X0** 216700	**M22S-DDL-GR-X1/X0** 216701		5 off
	I 0	**M22-DDL-WS-X1/X0** 216706	**M22S-DDL-WS-X1/X0** 216707		
	START STOP	**M22-DDL-GR-GB1/GB0** 216702	**M22S-DDL-GR-GB1/GB0** 216703		
	START STOP	**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		

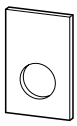
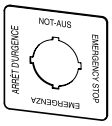
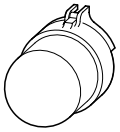
RMQ Titan
Emergency-Stop Actuators

		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
						
∅ = 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		
∅ = 60 mm	Four-language	D, GB, F, I		**M22-XBK1** 216483		
						
Sealable shroud[2]						
				**M22-PL-PV** 216397		2 off

Notes

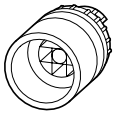
1) Height of letters: 5 mm
Number of lines: Maximum 2
characters per line: Maximum 7

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.

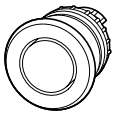
RMQ Titan
Push-Button Actuators

	Button plate	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Push-button actuators, IP 66					
Flush, spring-return 	●	**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
	I	**M22-D-G-X1** 216607	**M22S-D-G-X1** 216608		
	◎	**M22-D-S-X0** 216609	**M22S-D-S-X0** 216610		
	I	**M22-D-W-X1** 216611	**M22S-D-W-X1** 216612		
Flush, stay-put  Programmable stay-put/spring-return function	●	**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
	I	**M22-DR-G-X1** 216630	**M22S-DR-G-X1** 216631		
	◎	**M22-DR-S-X0** 216632	**M22S-DR-S-X0** 216633		
	I	**M22-DR-W-X1** 216634	**M22S-DR-W-X1** 216635		

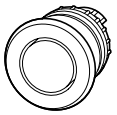
RMQ Titan
Push-Button Actuators

	Button plate	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Push-button actuators, IP 66					
Extended, spring-return 	●	**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		
Extended, stay-put  Programmable stay-put/spring-return function	●	**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	–		

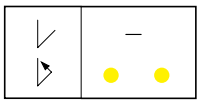
RMQ Titan
Push-Button Actuators

	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						
Spring-return 	●	●	**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
	I	●	**M22-DP-G-X1** 216722	**M22S-DP-G-X1** 216723		
	◎	●	**M22-DP-S-X0** 216724	**M22S-DP-S-X0** 216725		
	I	○	**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  Programmable stay-put/spring-return function	●	●	**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		
	◎	●	**M22-DRP-R-X0** 216751	**M22S-DRP-R-X0** 216752		5 off
	I	●	**M22-DRP-G-X1** 216753	**M22S-DRP-G-X1** 216754		
	◎	●	**M22-DRP-S-X0** 216755	**M22S-DRP-S-X0** 216756		
	I	○	**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	–		

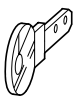
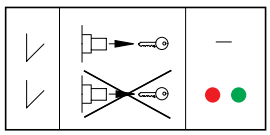
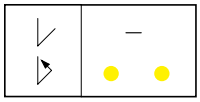
RMQ Titan
Selector Switches

	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	**M22S-XC-Y** 216407		10 off

Notes

1) Example: M22-WRK3-*
- 1 = 60°
- 2 = 40° 60°

RMQ Titan
Key-Operated Actuators, Individual Lock Mechanisms

	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 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

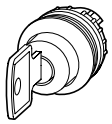
[1] MS 2 – 20: 4 weeks delivery time

[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

RMQ Titan
Key-Operated Acutators for Master Key Systems

	Function	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 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

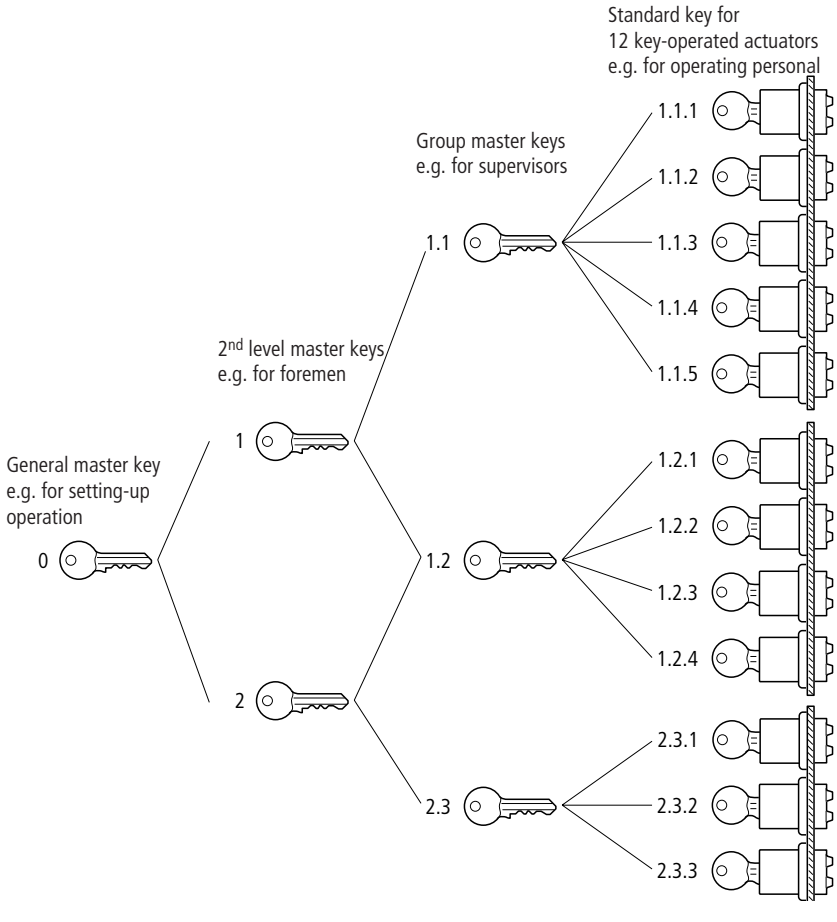
Master key systems

- 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

	Actuator lens style	Front ring titanium 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		

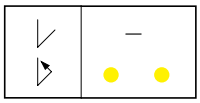
RMQ Titan
Illuminated Push-Buttons

	Actuator lens style	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
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		
	Without	**M22-DL-X-GVP** 216934	–		50 off
	◎	**M22-DL-R-X0** 216936	**M22S-DL-R-X0** 216937		10 off
	I	**M22-DL-G-X1** 216938	**M22S-DL-G-X1** 216939		
	I	**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		
	Without	**M22-DRL-X-GVP** 216955	–		50 off
	◎	**M22-DRL-R-X0** 216957	**M22-DRL-R-X0** 216958		5 off
	I	**M22-DRL-G-X1** 216959	**M22S-DRL-G-X1** 216960		
	I	**M22-DRL-W-X1** 216963	**M22S-DRL-W-X1** 216964		

RMQ Titan
Illuminated Push-Buttons

	Actuator lens style	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
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  Programmable stay-put/spring-return function	○	**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		

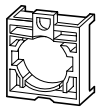
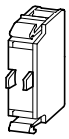
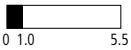
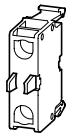
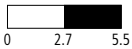
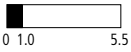
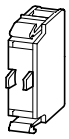
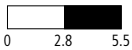
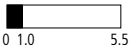
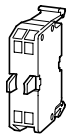
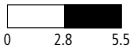
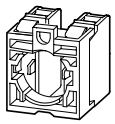
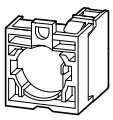
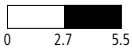
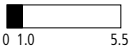
RMQ Titan
Illuminated Selector Switch Actuators

	Function = stay-put = spring-return		Thumb-grip colour	Front ring titanium **Type** Article no.	Front ring black **Type** Article no.	**Price** See Price List	Std. pack
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	**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°		**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

	Contacts[1] M = Make, B = Break, ⊖ = 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 –			1 3 2	**M22-K10** 216376		50 off
					M22-K10-GVP 216377		500 off
	– 1 B ⊖			1 3 2	**M22-K01** 216378		50 off
					M22-K01-GVP 216379		500 off
Base fixing							
	1 M –			2 3 1	**M22-KC10** 216380		20 off
					M22-KC10-GVP 216381		200 off
	– 1 B ⊖			2 3 1	**M22-KC01** 216382		20 off
					M22-KC01-GVP 216383		200 off
Contact elements with cage clamp[3]							
Front fixing							
	1 M –			1 3 2	**M22-CK10** 216384		10 off
	– 1 B ⊖			1 3 2	**M22-CK01** 216385		10 off
Base fixing							
	1 M –			2 3 1	**M22-CKC10** 216386		10 off
	– 1 B ⊖			2 3 1	**M22-CKC01** 216387		10 off
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		

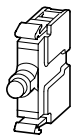
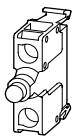
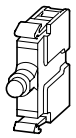
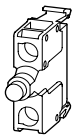
Notes

1)  x = Sequence numbers on fixing adapter
y = Function numbers on contact element

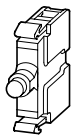
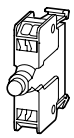
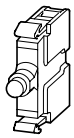
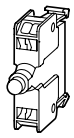
2) Configuration of fixing adapter with sequence numbers to EN 50 013

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 °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		

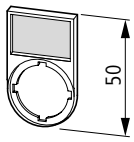
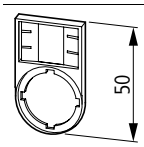
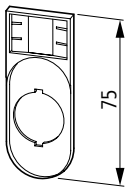
RMQ Titan
LED Elements

	Rated operational voltage	Rated operational current	Rated lifespan at T_a = +25 °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
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

Letter height mm	No. of lines max.	Characters per line max.
3	3	12
5	2	8

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

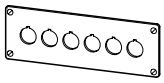
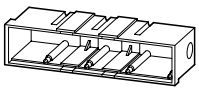
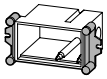
[1)] Example: **M22-X...-*-***

- 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

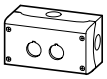
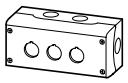
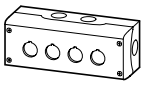
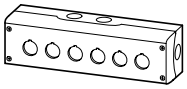
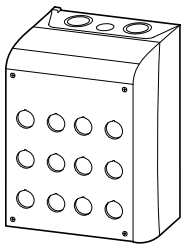
RMQ Titan
Flush Mounting Plates, Shrouds

	Number of locations		Cable entry knockouts	Type	Price	
				Article no.	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

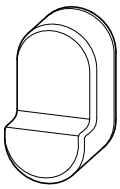
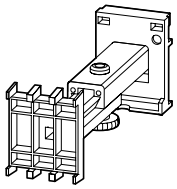
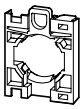
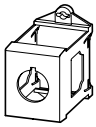
RMQ Titan
Surface Mounting Enclosures

	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 totally insulated							
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 totally insulated							
	12	2 × 32/25	4 × 32/25 2 × 20	○	**M22-I12** 222688		1 off

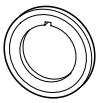
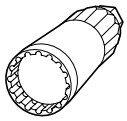
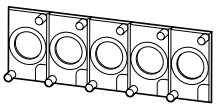
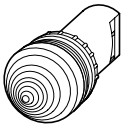
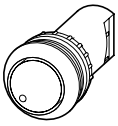
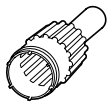
Notes

[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 ∅ 22.5 units in ∅ 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		
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	× 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	–	–	–	–	≦ 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 60 068-230				
Ambient temperature								
		Min./Max.	°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			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	→ Page 33
Contacts								
Rated impulse withstand voltage U_{imp}			V	6000	4000	–	–	–
Rated insulation voltage U_i			V	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		>= × 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	× 10^6	1.6	–	–	–	–
	230 V/1.0 A	Operations	× 10^6	1.0	–	–	–	–
	230 V/3.0 A	Operations	× 10^6	0.7	–	–	–	–
DC-13	12 V/2.8 A	Operations	× 10^6	1.2	–	–	–	–

Notes [1)] > 200 V AC/60 Hz: –25/+55 °C

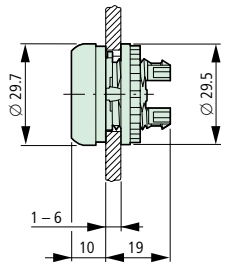
RMQ Titan
Technical Data

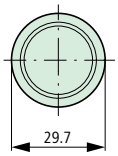
				Key-operated actuators	Indicator lights	Illuminated push-button actuators, Push-button actuators Mushroom actuators Stay-put	Emergency-Stop actuators
General							
Standards				IEC/EN 60 947, VDE 0660			
Lifespan, mechanical	Operations		× 10^6	0.1	–	3[2)]	0.1
Maximum operating frequency			Ops/h	100	–	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

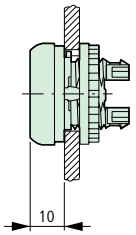
Actuators and indicators



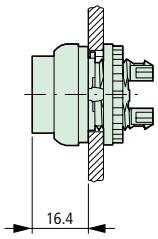


Push-button actuators

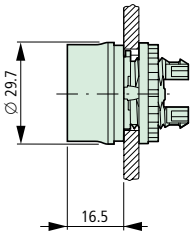
M22-D



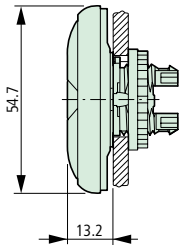
M22-DH



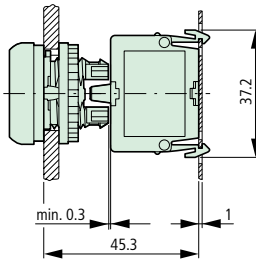
M22-DG



M22-DD

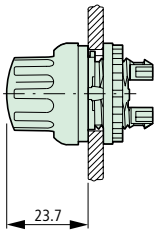


Push-button actuator in base fixing

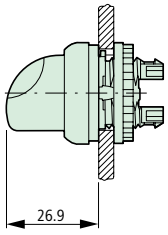


Selector switch actuators

M22-W(R)...



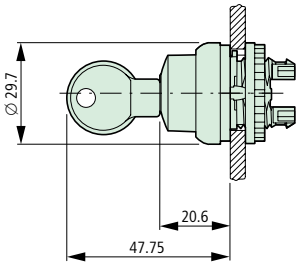
M22-W(R)K...
M22-W(R)LK...



Key-operated actuators

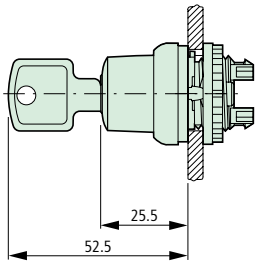
Individual lock mechanism

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



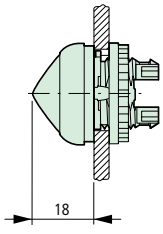
Master key systems

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

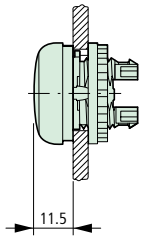


Indicator lights

M22-LH

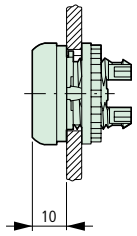


M22-L

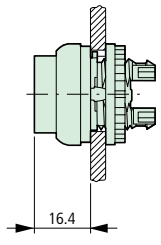


Illuminated push-button actuators

M22-DL

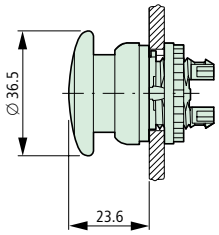


M22-DLH



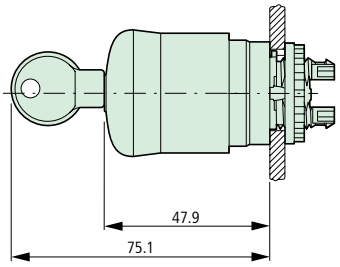
Mushroom actuators

M22-DP



Emergency-Stop actuator

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

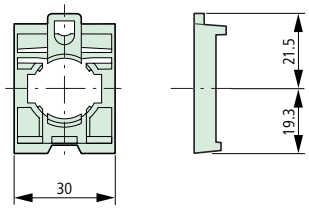


RMQ Titan
Dimensions

Front fixing (style: flush mounting)

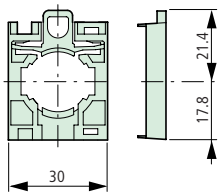
Fixing adapter

M22-A

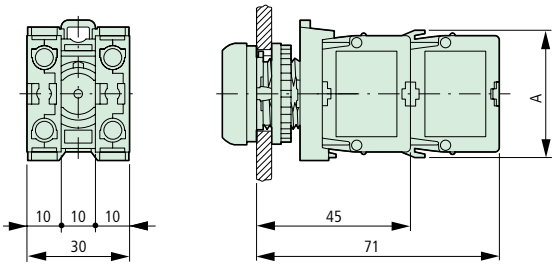


Centring adapter

M22-ZA

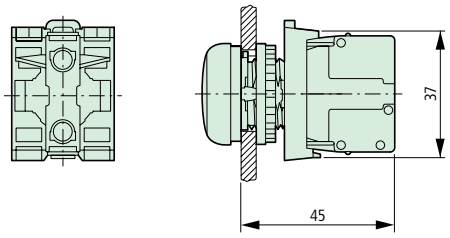


Actuator with M22-(C)K...

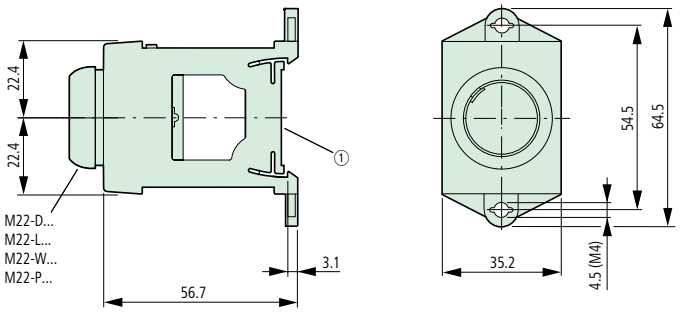


	1 × M22-K...	2 × M22-K...	1 × M22-CK...	2 × M22-CK...
A	37.2	37.2	39	39

Indicator light/Illuminated actuator



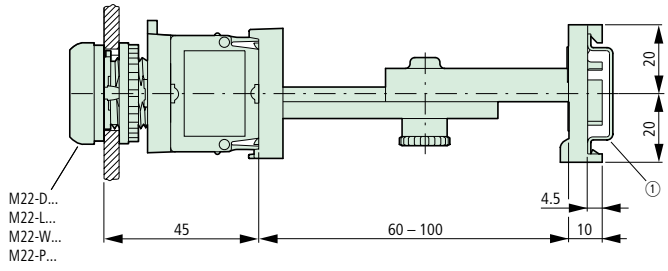
IVS Top-hat rail adapter



① For top-hat rails to EN 50 022

Button, illuminated push-button, indicator light

With telescopic clip

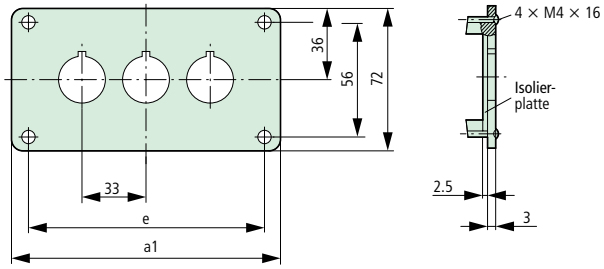


① Top-hat rail to EN 50 022

RMQ Titan
Dimensions

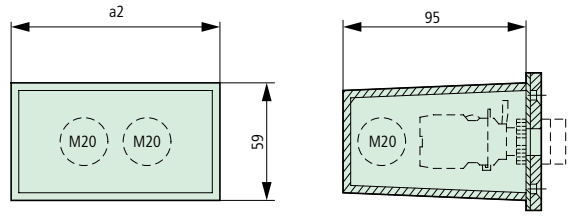
Front fixing (style: flush mounting)

Flush mounting panel
M22-E...



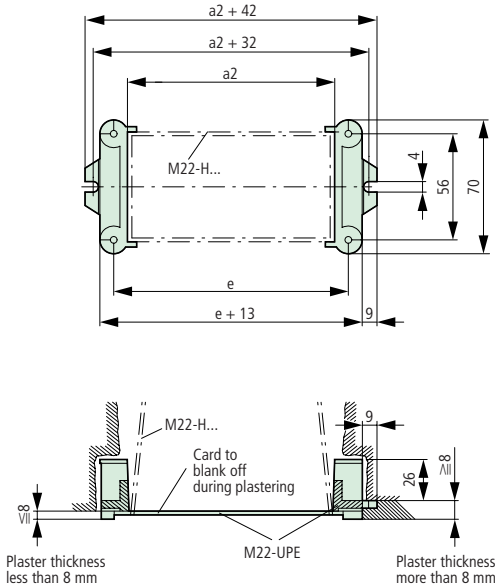
Type	a1	e
E (Y) 1	72	56
E 2	105	89
E 3	138	122
E 4	171	155
E 5	204	188
E 6	237	221

Shroud
M22-H...



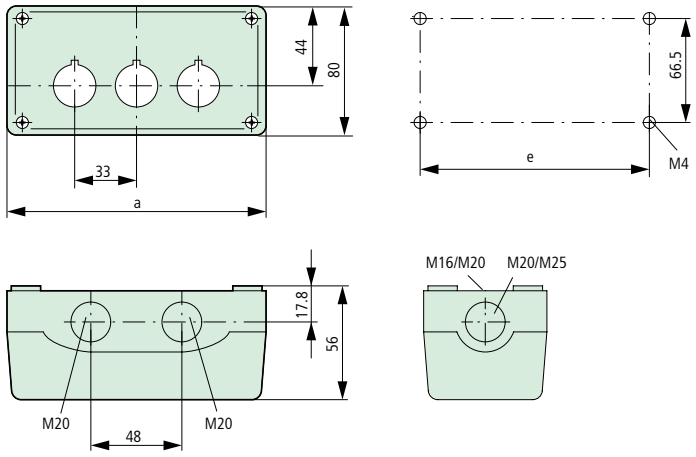
Type	a2	Cable entry	Style
H 1	42	3 × M20	One-part
H 2	75	4 × M20	
H 3	108	4 × M20	
H 4	141	4 × M20	Multi-part
H 5	174	5 × M20	
H 6	207	6 × M20	

Shroud with plaster keys
M22-UPE



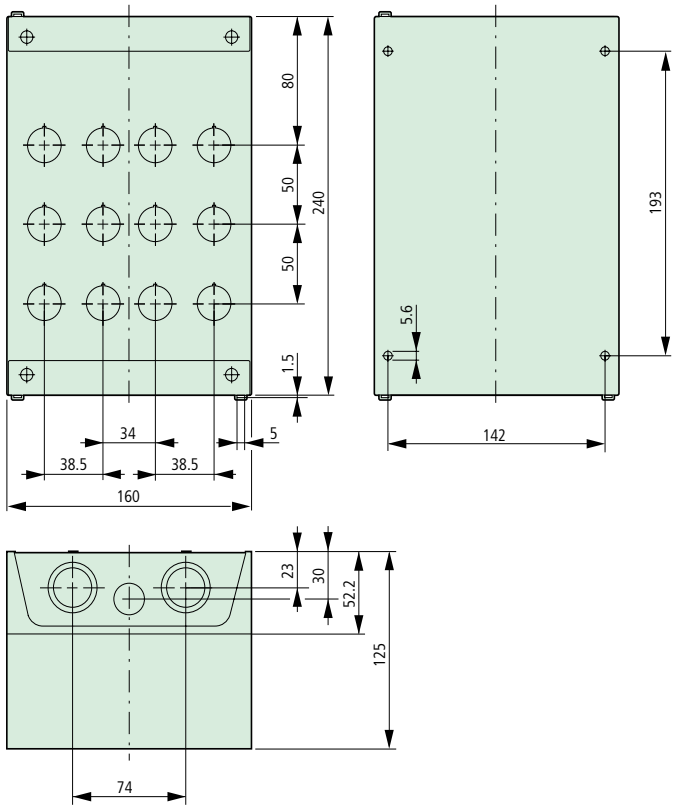
Base fixing (style: surface mounting)

Surface mounting enclosure
M22-I...



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

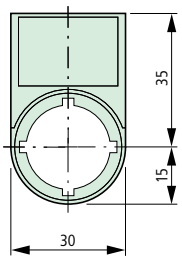
Surface mounting enclosure for 12 locations
M22-I12



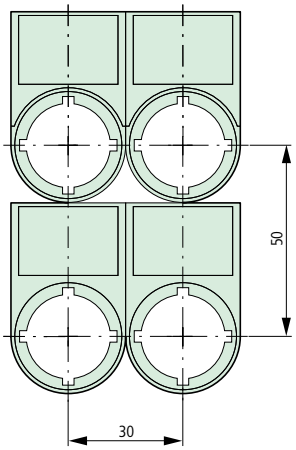
RMQ Titan
Dimensions

Label mounts

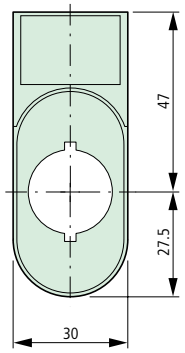
M22-ST



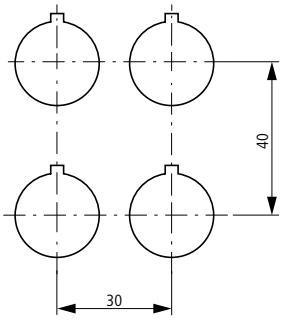
Grid dimension to IEC/EN 60 947



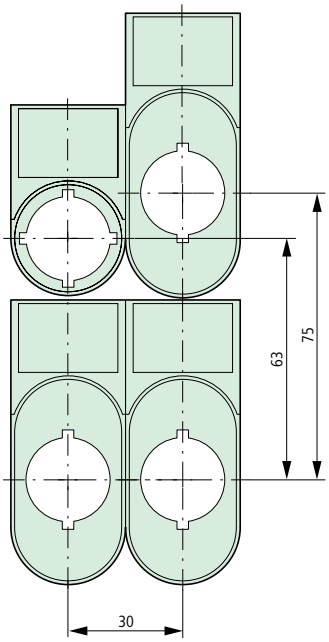
M22-STDD



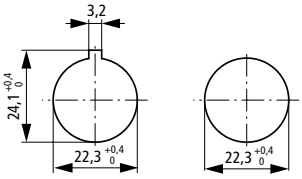
Minimal grid dimension



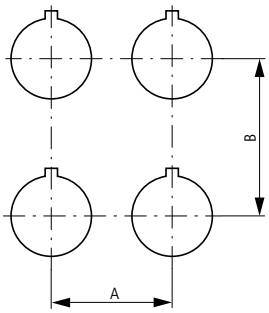
Grid dimension for M22-DD...



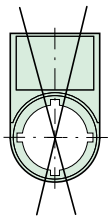
Mounting holes with/without lug slot



Grid dimension for different combinations

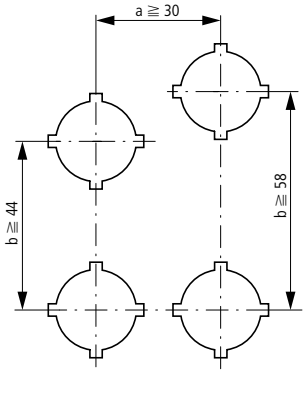


Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.

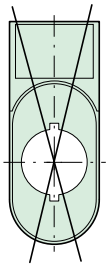


	A ≧	B ≧
IEC/EN 60 947	30	50
RMQ Titan min.	30	40
D + T-D	33	
DP	37	
D+DP	30	
PV	38	
PV+PL-PV	48	56
DD	30	55
DD+T-DD	33	58
DD+STDD	30	75

Grid dimension for QDD double actuators plus MT-DD diaphragms



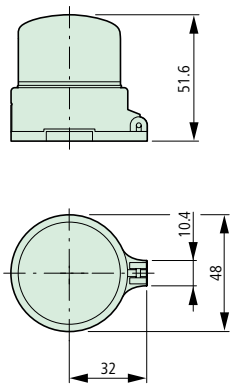
Do not use actuator diaphragm with label mounts since the mounts do not conform to IP 67.



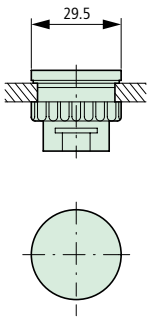
RMQ Titan
Dimensions

Accessories

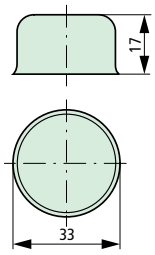
M22-PL-PV



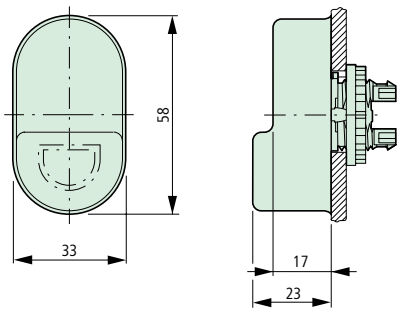
M22-B



M22-T-D

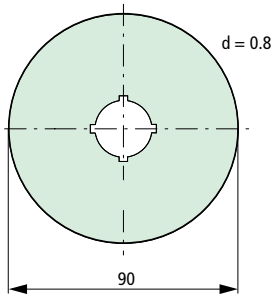


M22-T-DD

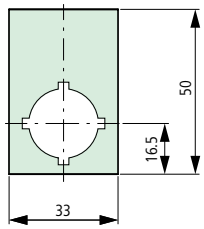


Emergency-Stop label

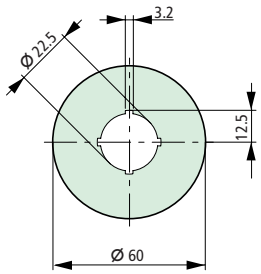
M22-XAK



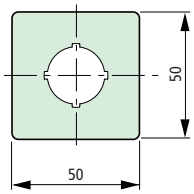
M22-XZK...



M22-XBK1



M22-XYK1



RMQ Titan
Conversion Table

Unit	Type RMQ22	New type RMQ Titan
Push-button actuators		
Flush, spring-return	RD-01	M22-D-S
	RD-02	M22-D-W
	RD-03	M22-D-R
	RD-04	M22-D-G
	RD-05	M22-D-Y
	RD-06	M22-D-B
	RD-X	M22-D-X
	RD-10	M22-D-R-X0
	RD-11	M22-D-G-X1
	RD-19	M22-D-S-X0
	RD-20	M22-D-W-X1
Flush, stay-put	–	M22-DR-S
	–	M22-DR-W
	–	M22-DR-R
	–	M22-DR-G
	–	M22-DR-Y
	–	M22-DR-B
	–	M22-DR-X
	–	M22-DR-R-X0
	–	M22-DR-G-X1
	–	M22-DR-S-X0
	–	M22-DR-W-X1
Extended, spring-return	RDH-SW01	M22-DH-S
	–	M22-DH-W
	RDH-RT03	M22-DH-R
	RDH-GN04	M22-DH-G
	RDH-GE05	M22-DH-Y
	–	M22-DH-B
	RDH-RT10	M22-DH-R-X0
	RDH-GN11	M22-DH-G-X1
	RDH-SW19	M22-DH-S-X0
	RDH-SW20	M22-DH-W-X1
Extended, stay-put	–	M22-DRH-S
	–	M22-DRH-W
	–	M22-DRH-R
	–	M22-DRH-G
	–	M22-DRH-Y
	–	M22-DRH-B
	–	M22-DRH-R-X0
	–	M22-DRH-G-X1
	–	M22-DRH-S-X0
	–	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*

Unit	Type RMQ22	New type RMQ Titan
Double actuators		
Non-illuminated	QDD-X	M22-DD-GR
	QDD-11/10	M22-DD-GR-X1/X0
	QDD-111/110	M22-DD-GR-GB1/GB0
	QDD-X	M22-DD-WS
	QDD-20/19	M22-DD-WS-X1/X0
	QDD-122/112	M22-DD-WS-GB1/GB0
	QDD-32/32	M22-DD-S-X7/X7
	QDD-37/38	M22-DD-S-X4/X5
Illuminated	QDDL-X	M22-DDL-GR
	QDDL-11/10	M22-DDL-GR-X1/X0
	QDDL-111/110	M22-DDL-GR-GB1/GB0
	QDDL-X	M22-DDL-WS
	QDDL-20/19	M22-DDL-WS-X1/X0
	QDDL-122/112	M22-DDL-WS-GB1/GB0
	QDDL-32/32	M22-DDL-S-X7/X7
	QDDL-37/38	M22-DDL-S-X4/X5
Mushroom actuators		
Spring-return	RP-SW01	M22-DP-S
	RP-RT03	M22-DP-R
	RP-GN04	M22-DP-G
	RP-GE05	M22-DP-Y
	RP-RT10	M22-DP-R-X0
	RP-RT11	M22-DP-G-X1
	RP-SW19	M22-DP-S-X0
	RP-SW20	M22-DP-W-X1
	RP-SW-X	M22-DP-S-X
	RP-RT-X	M22-DP-R-X
	RP-GN-X	M22-DP-G-X
	RP-GE-X	M22-DP-Y-X
Stay-put	–	M22-DRP-S
	–	M22-DRP-R
	–	M22-DRP-G
	–	M22-DRP-Y
	–	M22-DRP-R-X0
	–	M22-DRP-G-X1
	–	M22-DRP-S-X0
	–	M22-DRP-W-X1
	–	M22-DRP-S-X
	–	M22-DRP-R-X
	–	M22-DRP-G-X
	–	M22-DRP-Y-X

RMQ Titan
Conversion Table

Unit	Type RMQ22	New type RMQ Titan
Illuminated push-button actuators		
Flush, spring-return	RLT-WS	M22-DL-W
	RLT-RT	M22-DL-R
	RLT-GN	M22-DL-G
	RLT-GE	M22-DL-Y
	RLT-BL	M22-DL-B
	–	M22-DL-X
	–	M22-DL-R-X0
	–	M22-DL-G-X1
	–	M22-DL-W-X0
	RLT-WS11	M22-DL-W-X1
Flush, stay-put	RLTR-WS	M22-DRL-W
	RLTR-RT	M22-DRL-R
	RLTR-GN	M22-DRL-G
	RLTR-GE	M22-DRL-Y
	RLTR-BL	M22-DRL-B
	–	M22-DRL-X
	–	M22-DRL-R-X0
	–	M22-DRL-G-X1
	–	M22-DRL-W-X0
	–	M22-DRL-W-X1
Extended, spring-return	RLTH-WS	M22-DLH-W
	RLTH-RT	M22-DLH-R
	RLTH-GN	M22-DLH-G
	RLTH-GE	M22-DLH-Y
	RLTH-BL	M22-DLH-B
	–	M22-DLH-R-X0
	–	M22-DLH-G-X1
	–	M22-DLH-W-X0
	RLTH-WS11	M22-DLH-W-X1
Extended, stay-put	–	M22-DRLH-W
	–	M22-DRLH-R
	–	M22-DRLH-G
	–	M22-DRLH-Y
	–	M22-DRLH-B
	–	M22-DRLH-R-X0
	–	M22-DRLH-G-X1
	–	M22-DRLH-W-X0
	–	M22-DRLH-W-X1

Unit	Type RMQ22	New type RMQ Titan
Illuminated selector switch actuators		
Thumb-grip, Two positions, spring-return	RLWK1-WS	M22-WLK-W
	RLWK1-RT	M22-WLK-R
	RLWK1-GN	M22-WLK-G
	RLWK1-GE	M22-WLK-Y
	RLWK1-BL	M22-WLK-B
Thumb-grip, Two positions, stay-put	RLWK1R-WS	M22-WRLK-W
	RLWK1R-RT	M22-WRLK-R
	RLWK1R-GN	M22-WRLK-G
	RLWK1R-GE	M22-WRLK-Y
	RLWK1R-BL	M22-WRLK-B
Thumb-grip, Three positions, spring-return	RLWK3-WS	M22-WLK3-W
	RLWK3-RT	M22-WLK3-R
	RLWK3-GN	M22-WLK3-G
	RLWK3-GE	M22-WLK3-Y
	RLWK3-BL	M22-WLK3-B
Thumb-grip, Three positions, stay-put	RLWK3R-WS	M22-WRLK3-W
	RLWK3R-RT	M22-WRLK3-R
	RLWK3R-GN	M22-WRLK3-G
	RLWK3R-GE	M22-WRLK3-Y
	RLWK3R-BL	M22-WRLK3-B
	RLWK3R-...	M22-WRLK3-*/*
Indicator lights		
Flush	RLF-WS	M22-L-W
	RLF-RT	M22-L-R
	RLF-GN	M22-L-G
	RLF-GE	M22-L-Y
	RLF-BL	M22-L-B
	–	M22-L-X
Extended	RL-WS	M22-LH-W
	RL-RT	M22-LH-R
	RL-GN	M22-LH-G
	RL-GE	M22-LH-Y
	RL-BL	M22-LH-B
Compact, flush	–	M22-LC-W
	–	M22-LC-R
	–	M22-LC-G
	–	M22-LC-Y
	–	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
Key-operated actuators		
Two positions	RS-KMS1-A1	M22-WS
	RS-KMS...-A1	M22-WS-MS*
	RS-SA(...)	M22-WS-SA(*)-*
	RS	M22-WRS
	RS-KMS...	M22-WRS-MS*
	RS-KMS...	M22-WRS-MS*-A1
	RS-SA(...)	M22-WRS-SA(*)-*
Three positions	RS3-KMS1-A1	M22-WS3
	RS3-KMS...-A1	M22-WS3-MS*
	RS3-SA(...)	M22-WS3-SA(*)-*
	RS3	M22-WRS3
	RS3-KMS...	M22-WRS3-MS*
	RS3-KMS...	M22-WRS3-MS*-A*
	RS3-SA(...)	M22-WRS3-SA(*)-*
Replacement key		
Individual lock mechanism MS1	ES-KMS1	M22-ES-MS1
Individual lock mechanism MS2-20	ES-KMS...	M22-ES-MS*
for SA(...)	ES-NS...	M22-ES-SA(*)-*
Selector switch actuators		
Rotary head, Two positions	RW1	M22-W
	RW1R	M22-WR
	RW1R+92T	M22-WR-X92
	RW1R+97T	M22-WR-X91
Rotary head, Three positions	RW3	M22-W3
	RW3R	M22-WR3
Thumb-grip, Two positions	RWK1	M22-WK
	RWK1R	M22-WRK
Thumb-grip, Three positions	RWK3	M22-WK3
	RWK3R	M22-WRK3
	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

Unit	Type RMQ22	New type RMQ Titan
LED elements		
Screw terminal	EF + GL24	M22-LED-W
	EF + GL24	M22-LED-R
	EF + GL24	M22-LED-G
	EF + GL24	M22-LED-B
	EFC + GL24	M22-LEDC-W
	EFC + GL24	M22-LEDC-R
	EFC + GL24	M22-LEDC-G
	EFC + GL24	M22-LEDC-B
	EF3 + GL130	M22-LED230-W
	EF3 + GL130	M22-LED230-R
	EF3 + GL130	M22-LED230-G
	EF3 + GL130	M22-LED230-B
	EF3C + GL130	M22-LEDC230-W
	EF3C + GL130	M22-LEDC230-R
	EF3C + GL130	M22-LEDC230-G
	EF3C + GL130	M22-LEDC230-B
Cage Clamp	–	M22-CLED-W
	–	M22-CLED-R
	–	M22-CLED-G
	–	M22-CLED-B
	–	M22-CLEDC-W
	–	M22-CLEDC-R
	–	M22-CLEDC-G
	–	M22-CLEDC-B
	–	M22-CLED230-W
	–	M22-CLED230-R
	–	M22-CLED230-G
	–	M22-CLED230-B
	–	M22-CLEDC230-W
	–	M22-CLEDC230-R
	–	M22-CLEDC230-G
	–	M22-CLEDC230-B

RMQ Titan
Conversion Table

Unit	Type RMQ22	New type RMQ Titan
Enclosures		
Surface mounting enclosure	I1M	M22-I1
	IGE1M	M22-IY1
	I2M	M22-I2
	I3M	M22-I3
	I4M	M22-I4
	I5M	M22-I6
	I12M	M22-I12
Flush mounting panel	E1M	M22-E1
	EGE1M	M22-EY1
	E2M	M22-E2
	E3M	M22-E3
	E4M	M22-E4
	E5M	M22-E5
	E6M	M22-E6
Shroud	H1M	M22-H1
	H2M	M22-H2
	H3M	M22-H3
	H4M	M22-H4
	H5M	M22-H5
	H6M	M22-H6
Plaster Fixing key	UPE	M22-UPE
Button plates, Non-illuminated		
Push-button actuators, flush	01T	M22-XD-S
	02T	M22-XD-W
	03T	M22-XD-R
	04T	M22-XD-G
	05T	M22-XD-Y
	06T	M22-XD-B
	Sond	M22-XD-*-*
Push-button actuators, extended	01T	M22-XDH-S
	02T	M22-XDH-W
	03T	M22-XDH-R
	04T	M22-XDH-G
	05T	M22-XDH-Y
	06T	M22-XDH-B
	Sond	M22-XDH-*-*
Mushroom actuator	01T	M22-XDP-S
	02T	M22-XDP-W
	03T	M22-XDP-R
	04T	M22-XDP-G
	05T	M22-XDP-Y
	Sond	M22-XDP-*-*

Unit	Type RMQ22	New type RMQ Titan
Button lenses, Illuminated		
Push-button actuator, flush	LLT-WS	M22-XDL-W
	LLT-RT	M22-XDL-R
	LLT-GN	M22-XDL-G
	LLT-GE	M22-XDL-Y
	LLT-BL	M22-XDL-B
	Sond	M22-XDL-*-*
Push-button actuator, extended	LLTH-WS	M22-XDLH-W
	LLTH-RT	M22-XDLH-R
	LLTH-GN	M22-XDLH-G
	LLTH-GE	M22-XDLH-Y
	LLTH-BL	M22-XDLH-B
	Sond	M22-XDLH-*-*
Lenses, Indicator lights		
Flush	LLF-WS	M22-XL-W
	LLF-RT	M22-XL-R
	LLF-GN	M22-XL-G
	LLF-GE	M22-XL-Y
	LLF-BL	M22-XL-B
	Sond	M22-XL-*-*
Extended	LL-WS	M22-XLH-W
	LL-RT	M22-XLH-R
	LL-GN	M22-XLH-G
	LL-GE	M22-XLH-Y
	LL-BL	M22-XLH-B
Emergency-Stop labels		
	1AK	M22-XAK
	1AK-...	M22-XAK1
	1AK-...	M22-XAK2
	1AK-...	M22-XAK3
	1AK-...	M22-XAK4
	Sond	M22-XAK-*
	SR22	M22-XBK1
	SQ22	M22-XYK1
	ZK05	M22-XZK
	ZK-199	M22-XZK-D99
	ZK-299	M22-XZK-GB99
	ZK-399	M22-XZK-F99
	ZK-899	M22-XZK-I99
	ZK-599	M22-XZK-NL99
	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
Legend plate complete		
	RBS-90	M22S-ST-X88
	RBS-98	M22S-ST-X89
	RBS-93	M22S-ST-X93
	RBS-117	M22S-ST-D5
	RBS-121	M22S-ST-D6
	RBS-183	M22S-ST-D7
	RBS-150	M22S-ST-D8
	RBS-196	M22S-ST-D10
	RBS-195	M22S-ST-D11
	RBS-197	M22S-ST-D12
	RBS-110	M22S-ST-GB0
	RBS-111	M22S-ST-GB1
	RBS-217	M22S-ST-GB5
	RBS-221	M22S-ST-GB6
	RBS-283	M22S-ST-GB7
	RBS-250	M22S-ST-GB8
	RBS-296	M22S-ST-GB10
	RBS-395	M22S-ST-GB11
	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

Unit	Type RMQ22	New type RMQ Titan
Accessories		
Blanking plug	RB22G	M22-B
Blanking plug	RB22S	M22S-B
Legend plate Label mounts; without label	RBS-X	M22S-ST-X
Legend plate Label mounts f. DD(L)	QBS-X	M22S-STDD-X
Actuator protectivediaphragm	MT-D	M22-T-D
Actuator protectivediaphragm	MT-DD	M22-T-DD
Sealable shroud	PL-RPV	M22-PL-PV
Telescopic clip	TC-RMQ	M22-TC
Centring adapter	BE3Z	M22-ZA
IVS Top-hat rail adapter	–	M22-IVS
Threading ring	GR22	M22-GR
Combination box spanner	R22-MS	M22-MS
Bulb extractor	R22-MS	M22-LG
Plunger bridge	–	M22-XW
Coding adapter	SP-RMQ-RT	M22-XC-R
Coding adapter	SP-RMQ-GE	M22-XC-Y
Set of adapter rings 30/22.5mm	R22/30-SW	M22S-R30
Fixing plate	2Z116-171.03.5	M22-XE5