

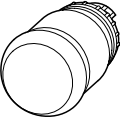






## Control Circuit Devices

## Overview

RMQ Titan®  
Grid dimensions: 30 × 40/30 × 50 mm  
Mounting diameter: 22.3 mm

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		Three positions	02/023
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		With screw terminals	02/024
Complete units for surface mounting	02/011	With Cage Clamp	02/024
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Illuminated push-button actuators	02/021		
			
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


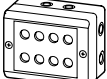
## Key to RMQ Titan type references

e.g. illuminated selector switch actuator

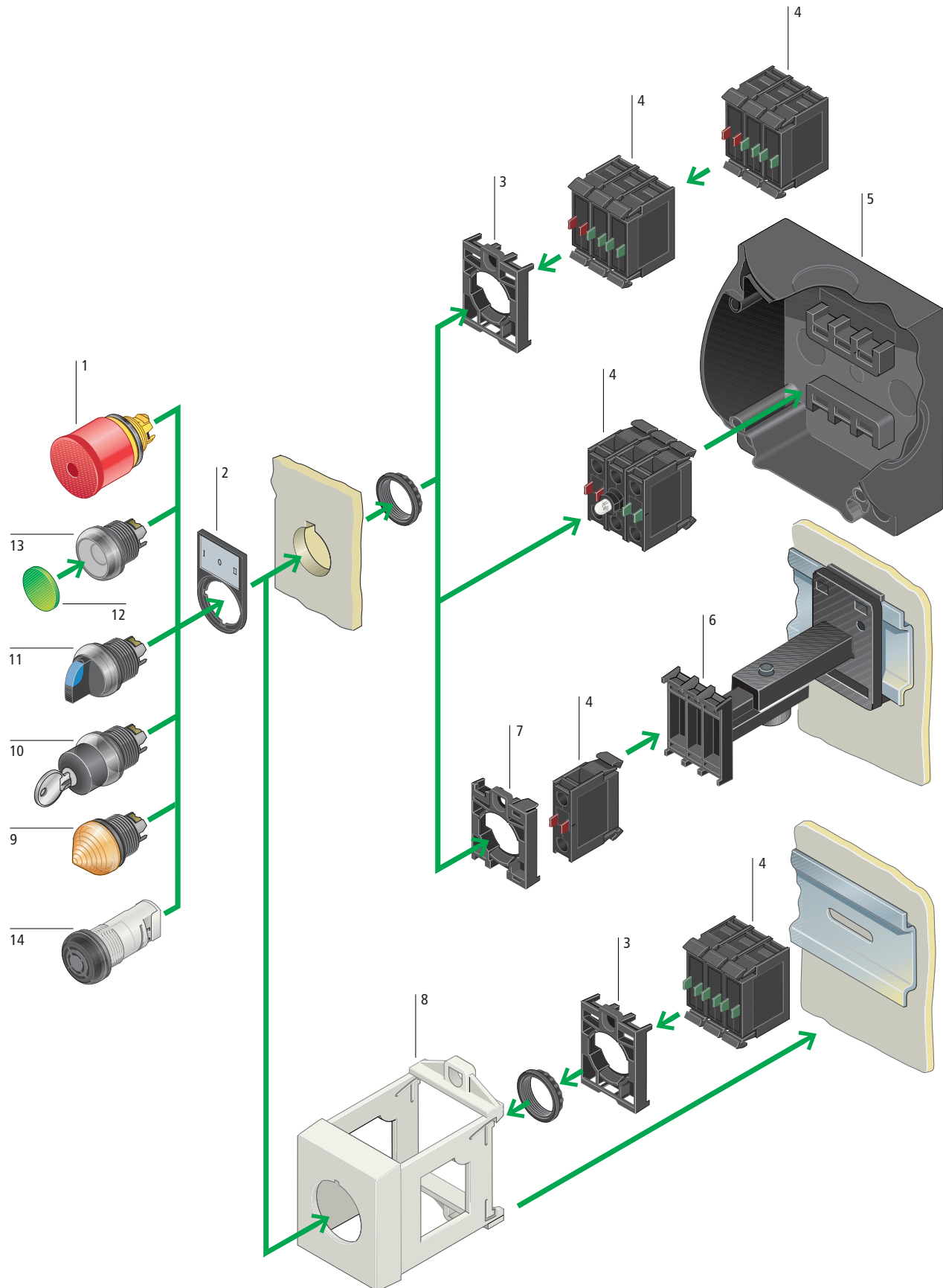
M22S-WLK-W				4th group Colour of actuator (lens)	
1st group	2nd group Basic functions	3rd group Add-on functions			
M Moeller	D Push-button	R Stay-put	B Blue		
22 22 mm Ø	DD Double push-button	L Illuminated	G Green		
S Black	L Indicator light	G Protected actuator	R Red		
	LC Compact indicator light	H Extended	S Black		
	PV Emergency-Stop	K Thumb-grip	Y Yellow		
	W Selector switch	P Mushroom	W White		
	AM Acoustic indicator	S Lock	X Without button plate		
		V V position	MS1-20 Individual lock mechanism		
		3 3 switch positions	SA(...) Master key system		
			GVP Bulk pack		

## Control Circuit Devices

## Overview


RMQ16 Grid dimensions: 18 × 18 mm/25 × 25 mm Mounting diameter: 16.2 mm		SL ... signal towers	
<b>System overview</b>	Page	<b>System overview</b>	Page
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<b>Push-button actuators</b>	02/044	<b>Complete units</b>	02/064
 <ul style="list-style-type: none"> <li>Spring-return</li> <li>Stay-put</li> </ul>	02/044 02/044		
<b>Illuminated push-button actuators</b>	02/045		
 <ul style="list-style-type: none"> <li>Spring-return</li> <li>Stay-put</li> </ul>	02/045 02/045		
<b>Selector switch actuators</b>	02/046	<b>Modules</b>	02/066
 <ul style="list-style-type: none"> <li>Two positions</li> <li>Three positions</li> </ul>	02/046 02/047		
<b>Key-operated actuators</b>	02/046	<b>Accessories</b>	02/067
 <ul style="list-style-type: none"> <li>Two positions</li> <li>Three positions</li> </ul>	02/046 02/047		
<b>Illuminated selector switch actuators</b>	02/048	<b>Technical data</b>	02/072
 <ul style="list-style-type: none"> <li>Two positions</li> <li>Three positions</li> </ul>	02/048 02/048		
<b>Indicator lights</b>	02/050	<b>Dimensions</b>	02/081
 <ul style="list-style-type: none"> <li>Flush</li> <li>Conical</li> </ul>	02/050 02/050		
<b>Emergency-Stop</b>	02/051		
 <ul style="list-style-type: none"> <li>Emergency-Stop actuators</li> <li>Emergency-Stop labels</li> </ul>	02/051 02/051		
<b>Contact elements</b>	02/044		
 <ul style="list-style-type: none"> <li>Break contacts</li> <li>Make contacts</li> </ul>	02/044 02/044		
<b>Accessories</b>	02/059		
 <ul style="list-style-type: none"> <li>Marking plates</li> <li>Flush mounting panels</li> <li>Surface mounting enclosures</li> </ul>	02/052 02/058 02/058		
<b>Technical data</b>	02/070		
<b>Dimensions</b>	02/078		

# RMQ Titan System Overview



# RMQ Titan

## System Overview










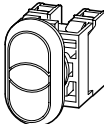










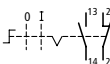
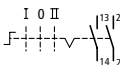

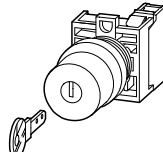

<b>Emergency-Stop actuators</b> 1	<b>Enclosures</b> 5	<b>Selector switch actuators</b> 11
Tamper proof to ISO 13 850/EN 418	Surface mounting enclosures IP66 up to 6 locations	Two or three positions
Can be secured by means of sealable shroud	Flush mounting panels IP54 up to 6 locations	With rotary head, thumb-grip
Additional plates with and without text	Shrouds IP40 for flush mounting panels	Programmable spring-return/stay-put function
	→ Page 02/036	Illuminated selector switch actuators with transparent thumb-grip
		Colours: white, green, red, yellow, blue
German Trade Association approval applied for	<b>Telescopic clip</b> 6	→ Page 02/017
→ Page 02/011	For adjusting the depth of rear mounting devices in CI enclosures, CI-K4 enclosures and panels	
	→ Page 02/038	<b>Button plates/button lenses</b> 12
<b>Label mounts</b> 2		Inscription using laser technology for push-button actuators and mushroom actuators
For insert plates	<b>Centring adapter</b> 7	Button lenses for illuminated push-button actuators and indicator lights, flush
Colour: black	For centring actuators and indicators when using telescopic clip	With standard texts and symbols or non-standard inscription
Aluminium-coloured insert plates, with and without text, can be engraved	→ Page 02/038	→ Page 02/028
→ Page 02/027		
	<b>IVS top-hat rail adapter</b> 8	<b>Push-button actuators</b> 13
<b>Fixing adapter</b> 3	For direct mounting onto top-hat rail to EN 50 022	Spring-return and stay-put
For front fixing	→ Page 02/038	Flush and extended
For contact and LED elements		With and without guard ring
→ Page 02/024		Mushroom actuators
	<b>Indicator lights</b> 9	Double actuators
<b>Contact elements</b> 4	Flush and conical versions	Colours: white, green, red, yellow, blue, black
Break contacts and make contacts	Colours: white, green, red, yellow, blue	Illuminated push-button actuators
Universal contacts suitable for use with electronic devices	→ Page 02/020	Colours: white, green, red, yellow, blue
Positive opening safety function to IEC/EN 60 947-5 -1		→ Page 02/013
→ Page 02/024	<b>Key-operated actuators</b> 10	<b>Acoustic indicator</b> 14
	Two or three positions	Degree of protection IP40, continuous tone, 18 – 30 V DC
<b>LED elements</b> 4	Programmable spring-return/stay-put function and key withdrawal	→ Page 02/020
Voltage range:	Suitable for master key systems	
18 – 30 V AC/DC	→ Page 02/018	
85 – 264 V AC		
→ Page 02/025		

### Product features

- Snap-fitting modular system
- Front ring titanium or black
- Mounting diameter: 22.3 mm
- Minimum grid dimension 30 × 40 mm
- Degree of protection IP66
- Up to 6 contacts per location
- Switching of different potentials
- Approved throughout the world

## RMQ Titan

### Complete Units for Front Mounting



















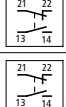
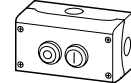



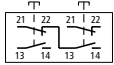



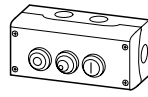
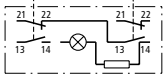
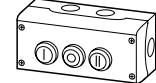




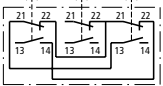
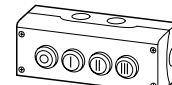





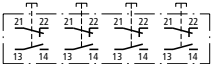
					Front ring titanium		
Button plate		Contacts <sup>1)</sup> M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1			Type Article no.	Price See Price List	Std. pack
<b>Push-buttons, IP67, IP69K</b>							
Actuator flush 		1 M	—		<b>M22-D-G-X1/K10</b> 216512		5 off
		—	1 B ⊕		<b>M22-D-R-X0/K01</b> 216510		
		1 M	1 B ⊕		<b>M22-D-G-X1/K11</b> 216513		
		1 M	1 B ⊕		<b>M22-D-R-X0/K11</b> 216511		
<b>Double push-buttons, IP66</b>							
Cover plate black 		1 M	—		<b>M22-DD-GR-X1/X0/K11</b> 216506		5 off
		—	1 B ⊕				
With LED element lens white 85 – 264 V AC		1 M	—		<b>M22-DDL-GR-X1/X0/K11/230-W</b> 216509		5 off
		—	1 B ⊕				
<b>Selector switches, black thumb-grip, IP66</b>							
Stay-put/spring-return function can be changed using M22-XC-Y coding adapters							
Two positions, stay-put 			1 M	—		<b>M22-WRK/K10</b> 216518	5 off
			1 M	1 B ⊕		<b>M22-WRK/K11</b> 216519	
Three positions, stay-put			2 M	—	 	<b>M22-WRK3/K20</b> 216520	
<b>Key-operated button, with 1 key, IP66</b>							
Stay-put/spring-return function and key withdrawability can be changed using M22-XC-... coding adapters							
Two positions, stay-put MS1 lock mechanism 			1 M	1 B ⊕		<b>M22-WRS/K11</b> 216517	5 off

#### Notes

<sup>1)</sup> 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, IP66

					Front ring titanium		
	Number of locations	Contacts <sup>1)</sup> M = Make, B = Break, ⊕= Positive opening safety function to IEC/EN 60 947-5-1		Colour <sup>2)</sup> enclosure top	Type Article no.	Price See Price List	Std. pack
<b>Push-buttons</b>							
Actuator flush	1	1 M 1 B ⊕			M22-D-G-X1/KC11/I 216522		1 off
	1	1 M 1 B ⊕			M22-D-R-X0/KC11/I 216521		1 off
<b>Emergency-Stop key-release mushroom button<sup>2)</sup></b>							
With 1 key MS1 lock mechanism	1	1 M 1 B ⊕			M22-PVS/KC11/IY 216523		1 off
							
<b>Key-operated buttons</b>							
Stay-put/spring-return function and key withdrawability can be changed using M22-XC-... coding adapters							
With 1 key 2 positions, stay-put MS1 lock mechanism	1	1 M 1 B ⊕			M22-WRS/KC11/I 216526		1 off
							
<b>Enclosures</b>							
With contact elements	1	1 M 1 B ⊕			M22-I1-M1 216527		1 off
Without actuator	1	1 M 1 B ⊕			M22-I1Y-M1 216528		1 off
							
<b>Two-way push-button station</b>							
	2	2 M 2 B ⊕	 		M22-I2-M1 216529		2 off
							
<b>Two-way push-button station</b>							
With indicator light LED element 85 – 264 V AC	2	2 M 2 B ⊕	 		M22-I3-M2 216533		1 off
							
<b>Three-way push-button station</b>							
	3	3 M 3 B ⊕	  		M22-I3-M1 216532		1 off
							
<b>Four-way push-button station</b>							
	4	4 M 4 B ⊕	   		M22-I4-M1 216534		1 off
							

**Notes**

- <sup>1)</sup> 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.
- <sup>2)</sup> Grey = RAL 7035  
Yellow = RAL 1004

## RMQ Titan

### Complete Units for Surface Mounting

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

Colour of  
mushroom  
head,  
indicator  
light

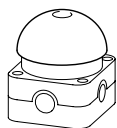
Type  
Article no.

Price  
See Price  
List

Std.  
pack

#### Foot and palm switches, IP67, 69K

Enclosure base, black (RAL 9005)  
Enclosure top, light grey (RAL 7035)



#### Spring-return



INDUSTRIE  
FORUM  
DESIGN  
HANNOVER



totally insulated

1 M -



FAK-SW/KC10/I  
030722

1 off

1 M 1 B ⊕



FAK-SW/KC11/I  
030723

- 2 B ⊕



FAK-RT/KC02/I  
030724

1 M 1 B ⊕



FAK-RT/KC11/I  
032965

1 M 2 B ⊕



FAK-RT/KC12/I  
030725

1 M 1 B ⊕



FAK-GE/KC11/I  
032710

#### Stay-put Pull to release

1 M 1 B ⊕



FAK-GE/V/KC11/I  
032706

#### Indicator lights, conical, BA 9s

For filament bulbs, neon bulbs and LEDs up to 2.4 W  
→ Page 02/040



L-R  
208689

1 off



L-W  
208692



L-G  
208690



L-Y  
208691

#### PG 13.5 cable gland, IP68, 69K

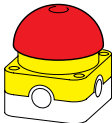









With integral strain relief to VDE 0619  
External cable diameter 6 – 12 mm



STBZ13,5  
036307

1 off

RMQ Titan  
Complete Units for Surface Mounting

			Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1	Colour of plunger <sup>1)</sup>	Type Article no.	Price See Price List	Std. pack
<b>Foot and palm switches<sup>2)</sup>, IP67, 69K</b>							
Emergency-Stop push-buttons, tamper proof to ISO 13 850/EN 418 Enclosure base, black (RAL 9005) Enclosure top, yellow (RAL 1004) Pull to release							
     			- 1 B ⊕		●	FAK-RT/V/KC01/I 030718	1 off
			1 M 1 B ⊕		●	FAK-RT/V/KC11/I 030719	
			- 2 B ⊕		●	FAK-RT/V/KC02/I 030720	
			1 M 2 B ⊕		●	FAK-RT/V/KC12/I 030721	



















Notes

1) Red = RAL 3000

2) Indicator lights and cable gland for FAK, → Page 02/008







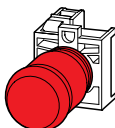




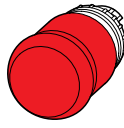


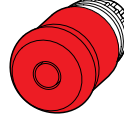


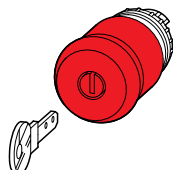


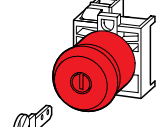



# RMQ Titan Double actuators

	Button plate style	Front ring titanium	Front ring black	Price See Price List	Std. pack		
		Type Article no.	Type Article no.				
Double actuators, IP66							
Without indicator light Cover plate black 		M22-DD-GR-X1/X0 216685	M22S-DD-GR-X1/X0 216686		5 off		
		M22-DD-WS-X1/X0 216691	M22S-DD-WS-X1/X0 216692				
		M22-DD-GR-GB1/GB0 216687	M22S-DD-GR-GB1/GB0 216688				
		M22-DD-WS-GB1/GB0 216693	M22S-DD-WS-GB1/GB0 216694				
		M22-DD-S-X7/X7 216695	M22S-DD-S-X7/X7 216696				
		M22-DD-S-X4/X5 218143	M22S-DD-S-X4/X5 218144				
		M22-DD-GR 216683	M22S-DD-GR 216684				
		M22-DD-WS 216689	M22S-DD-WS 216690				
	With indicator light Lens white 		M22-DDL-GR-X1/X0 216700	M22S-DDL-GR-X1/X0 216701			5 off
			M22-DDL-WS-X1/X0 216706	M22S-DDL-WS-X1/X0 216707			
			M22-DDL-GR-GB1/GB0 216702	M22S-DDL-GR-GB1/GB0 216703			
			M22-DDL-WS-GB1/GB0 216708	M22S-DDL-WS-GB1/GB0 216709			
			M22-DDL-S-X7/X7 216710	M22S-DDL-S-X7/X7 216711			
			M22-DDL-S-X4/X5 218145	M22S-DDL-S-X4/X5 218146			
		M22-DDL-GR 216698	M22S-DDL-GR 216699				
		M22-DDL-WS 216704	M22S-DDL-WS 216705				

## RMQ Titan

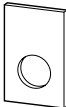

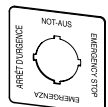




## Emergency-Stop Buttons and Actuators

			Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1	Colour Colour of base yellow  Plunger <sup>1)</sup>	Type Article no.	Price See Price List	Std. pack
<b>Complete units for surface mounting, IP66, 69K</b>							
Emergency-Stop push-buttons, tamper proof to ISO 13 850/EN 418 Pull to release Max. number of buttons to be fitted together: 3 × M22-(C)K...							
   	1 M	1 B		●	M22-PV/KC11/IY 216525		1 off
	—	2 B		●	M22-PV/KC02/IY 216524		1 off
<b>Complete units for front mounting, IP66</b>							
Emergency-Stop push-buttons, tamper proof to ISO 13 850/EN 418 Pull to release Max. number of buttons to be fitted together: 4 × M22-(C)K...							
  	—	1 B ⊕		●	M22-PV/K01 216515		5 off
	1 M	1 B ⊕		●	M22-PV/K11 216516		5 off
<b>Emergency-Stop actuator</b>							
  	—	—	—	●	M22-PV 216876		5 off
	—	—	—	●	M22-PV-GVP 216877		50 off
<b>Emergency-Stop actuator</b>							
Emergency-Stop actuator	—	—	—	●	M22S-PV 225528		1 off
<b>Emergency-Stop actuator Illuminated</b>							
  	—	—	—	●	M22-PVL 216878		5 off
<b>Emergency-Stop key-operated actuators, IP66</b>							
 	With one key	MS1 individual lock mechanisms	—	—	●	M22-PVS 216879	5 off
		MS2 – 20 individual lock mechanisms	—	—	●	M22-PVS-MS* 216880	1 off
<b>Emergency-Stop key-release mushroom button to ISO 13 850/EN 418</b>							
With 1 key, MS1 individual lock mechanism	—	1 B ⊕		●	M22-PVS/K01 216514		5 off
 							

## Notes

<sup>1)</sup> Red = RAL 3000

**RMQ Titan****Emergency-Stop Labels, Sealable Shroud**

	Text	Country identifier (as explanation)	Colour	Type Article no.	Price See Price List	Std. pack
<b>Emergency-Stop labels, IP66</b>						
	Black text, 33 × 50 mm					
	Not-Aus	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 customized inscription <sup>1)</sup>			M22-XZK-* 216479		10 off
50 × 50 mm	Four-language	D, GB, F, I		M22-XYK1 216484		10 off
						
	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 customized inscription			M22-XAK-* 216469		
Ø = 90 mm	Four-language	D, GB, F, I		M22-XBK1 216483		
						
	Four-language	D, GB, F, I				
						
	Four-language	D, GB, F, I				
<b>Sealable shroud<sup>2)</sup>, IP66</b>						
				M22-PL-PV 216397		2 off

**Notes**

























- <sup>1)</sup> Letter height: 5 mm  
Number of lines: max. 2  
Characters per line: max. 7



- <sup>2)</sup> Transparent with collapse point, can be reused after an Emergency-Stop.  
For use with M22(S)-PV, M22-PVL, M22-PVS  
Adjacent holes in the 30 × 50 mm grid, are to be sealed with M22(S)-B blanking plugs.























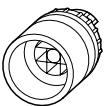
# RMQ Titan

## Push-Button Actuators

		Front ring titanium	Front ring black			
	Button plate style	Type Article no.	Type Article no.	Price See Price List	Std. pack	
Push-button actuators, IP67, 69K						
		M22-D-S 216590	M22S-D-S 216591		10 off	
		M22-D-W 216592	M22S-D-W 216593			
		M22-D-R 216594	M22S-D-R 216595			
		M22-D-G 216596	M22S-D-G 216597			
		M22-D-Y 216598	M22S-D-Y 216599			
		M22-D-B 216600	M22S-D-B 216601			
	Without	M22-D-X 216602	M22S-D-X 216604			
	Without	M22-D-X-GVP 216603	–		50 off	
			M22-D-R-X0 216605	M22S-D-R-X0 216606		10 off
			M22-D-G-X1 216607	M22S-D-G-X1 216608		
		M22-D-S-X0 216609	M22S-D-S-X0 216610			
		M22-D-W-X1 216611	M22S-D-W-X1 216612			
<div>Actuator flush, stay-put</div>  <div>Programmable stay-put/spring-return function</div>		M22-DR-S 216613	M22S-DR-S 216614		5 off	
		M22-DR-W 216615	M22S-DR-W 216616			
		M22-DR-R 216617	M22S-DR-R 216618			
		M22-DR-G 216619	M22S-DR-G 216620			
		M22-DR-Y 216621	M22S-DR-Y 216622			
		M22-DR-B 216623	M22S-DR-B 216624			
	Without	M22-DR-X 216625	M22S-DR-X 216627			
	Without	M22-DR-X-GVP 216626	–		50 off	
			M22-DR-R-X0 216628	M22-DR-R-X0 216629		5 off
			M22-DR-G-X1 216630	M22S-DR-G-X1 216631		
			M22-DR-S-X0 216632	M22S-DR-S-X0 216633		
			M22-DR-W-X1 216634	M22S-DR-W-X1 216635		

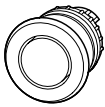
























# RMQ Titan

## Push-Button Actuators

	Button plate style	Front ring titanium Type Article no.	Front ring black Type Article no.	Price See Price List	Std. pack
Push-button actuators, IP67, 69K					
<div>Actuator extended, spring-return</div> 		M22-DH-S 216636	M22S-DH-S 216637		5 off
		M22-DH-W 216638	M22S-DH-W 216639		
		M22-DH-R 216641	M22S-DH-R 216642		
		M22-DH-G 216643	M22S-DH-G 216645		
		M22-DH-Y 216646	M22S-DH-Y 216647		
		M22-DH-B 216649	M22S-DH-B 216650		
		M22-DH-R-X0 216655	M22S-DH-R-X0 216656		5 off
		M22-DH-G-X1 216657	M22S-DH-G-X1 216658		
		M22-DH-S-X0 216659	M22S-DH-S-X0 216660		
		M22-DH-W-X1 216661	M22S-DH-W-X1 216662		
<div>Actuator extended, stay-put</div>  <div>Programmable stay-put/spring-return function</div>		M22-DRH-S 216663	M22S-DRH-S 216664		5 off
		M22-DRH-W 216665	M22S-DRH-W 216666		
		M22-DRH-R 216667	M22S-DRH-R 216668		
		M22-DRH-G 216669	M22S-DRH-G 216670		
		M22-DRH-Y 216671	M22S-DRH-Y 216672		
		M22-DRH-B 216673	M22S-DRH-B 216674		
		M22-DRH-R-X0 216675	M22S-DRH-R-X0 216676		5 off
		M22-DRH-G-X1 216677	M22S-DRH-G-X1 216678		
		M22-DRH-S-X0 216679	M22S-DRH-S-X0 216680		
		M22-DRH-W-X1 216681	M22S-DRH-W-X1 216682		
With guard ring, spring-return	Without	M22-DG-X 220921	—		
					

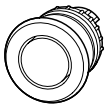

























# RMQ Titan

## Mushroom Actuators

			Front ring titanium	Front ring black		
	Button plate style	Plunger colour	Type Article no.	Type Article no.	Price See Price List	Std. pack
Mushroom actuators, IP67, 69K						
 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
			M22-DP-G-X1 216722	M22S-DP-G-X1 216723		
			M22-DP-S-X0 216724	M22S-DP-S-X0 216725		
			M22-DP-W-X1 216726	M22S-DP-W-X1 216727		
	Without		M22-DP-S-X 216728	M22S-DP-S-X 216730		5 off
	Without		M22-DP-R-X 216731	M22S-DP-R-X 216733		
	Without		M22-DP-G-X 216734	M22S-DP-G-X 216736		
	Without		M22-DP-Y-X 216737	M22S-DP-Y-X 216739		
	Without		M22-DP-S-X-GVP 216729	–		25 off
	Without		M22-DP-R-X-GVP 216732	–		
	Without		M22-DP-G-X-GVP 216735	–		
	Without		M22-DP-Y-X-GVP 216738	–		













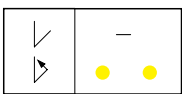
## RMQ Titan

### Mushroom Actuators

			Front ring titanium	Front ring black		
	Button plate style	Plunger colour	Type Article no.	Type Article no.	Price See Price List	Std. pack
Mushroom actuators, IP67, 69K						
<div>Stay-put</div> <div></div>			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		
<div>Programmable stay-put/spring-return function</div> <div></div>			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 Switch Actuators

				Front ring titanium	Front ring black		Std. pack
	Function		Text	Type Article no.	Type Article no.	Price See Price List	
				└ = Stay-put └ = Spring-return			
Selector switch actuators, two positions, IP66							
	Rotary button	└ 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°	AUTO HAND 	M22-WR-X91 216859	M22S-WR-X91 216860		
	Thumb-grip	└ 40°	—	M22-WK 216865	M22S-WK 216866		10 off
		└ 60°	—	M22-WRK 216867	M22S-WRK 216869		
		└ 60°	—	M22-WRK-GVP 216868	—		
	Thumb-grip, V position	└ 60°	—	M22-WKV 216874	M22S-WKV 216875		5 off
Selector switch actuators, 3 positions, IP66							
	Rotary button	40° └ 40°		M22-W3 216861	M22S-W3 216862		5 off
		60° └ 60°		M22-WR3 216863	M22S-WR3 216864		
	Thumb-grip	40° └ 40°	—	M22-WK3 216870	M22S-WK3 216871		10 off
		60° └ 60°	—	M22-WRK3 216872	M22S-WRK3 216873		
		1)	—	M22-WRK3-* 217436	M22S-WRK3-* 217437		
Coding adapters, for all selector switch actuators							
For converting between stay-put and spring-return functions							
				M22-XC-Y 216407	M22-XC-Y 216407		10 off

## Notes






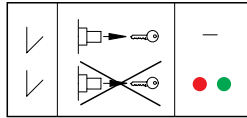
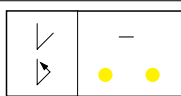
1) Example: M22-WRK3-\*

1 = 60° ⤵ 40°  
 2 = 40° ⤵ 60°



## RMQ Titan

## Key-Operated Actuators, Individual Lock Mechanisms

				Front ring titanium	Front ring black		
Function				Type	Type	Price	Std.
↙ = Stay-put ↘ = Spring-return				Article no.	Article no.	See Price List	pack
<b>Key-operated actuators, IP66</b>							
Two positions Individual lock mechanisms, not suitable for master key systems, with one key Stay-put/spring-return function and key withdrawability can be changed using M22-XC-... coding adapters							
 MS1 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
MS2 – 20 lock mechanisms <sup>1)</sup> Insert lock mechanism number into the type reference	↘ 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
MS1 – 20 lock mechanisms	↙ 50°	0		M22-WRS-MS*-A1 217440	M22S-WRS-MS*-A1 217441		5 off
 Key for MS1 individual lock mechanism Key for MS2 – 20 individual lock mechanisms				M22-ES-MS1 216416	M22-ES-MS1 216416		5 off
				M22-ES-MS* 216417	M22-ES-MS* 216417		1 off
Three positions Individual lock mechanisms, not suitable for master key systems, with one key Stay-put/spring-return function and key withdrawability can be changed using M22-XC-... coding adapters							
 MS1 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
	<sup>2)</sup>	I	0	M22-WRS3-MS*-A* 217442	M22S-WRS3-MS*-A* 217443		5 off
MS2 – 20 lock mechanisms Please include lock mechanism number in the type reference	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 MS1 individual lock mechanism Key for MS2 – 20 individual lock mechanisms				M22-ES-MS1 216416	M22-ES-MS1 216416		
				M22-ES-MS* 216417	M22-ES-MS* 216417		
<b>Set of coding adapters</b>							
For converting between the stay-put/spring-return function and key withdrawability							
				M22-XC-R 216406	M22-XC-R 216406		10 off
				M22-XC-Y 216407	M22-XC-Y 216407		10 off

## Notes

<sup>1)</sup> MS2-20: for delivery please enquire<sup>2)</sup> Example: M22(S)-WRS3-MS\*-A\*
 1 – 20  
 (No. of individual lock  
 mechanism)

	Function	Withdrawable in switch position
A1	↘	0
A2	↘	I 0
A3	↘	0 II
A4	↘	I 0
A5	↘	0
A6	↘	0 II
A7	↘	0

## Key-Operated Actuators for Master Key Systems



<sup>1)</sup> Master key systems: for delivery please enquire

2) Example: M22-WS-SA(\*)-\* ——— Level, e.g. 2/3.3.1 ——— Standard key

- Standard key

- Group key

- Master key

0 = Genera

- For new orders = new

For repeat orders = master key system number according to security certificate

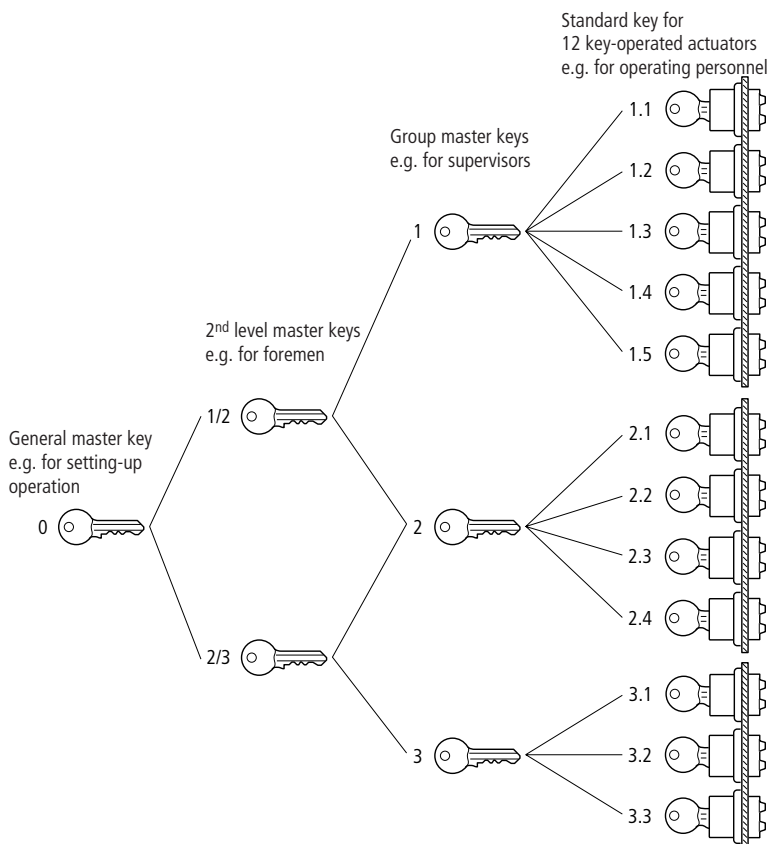
- 8000 different lock mechanisms
- Security certificate prevents unauthorized purchase of keys; please submit for repeat orders
- Special key profile provided only by the manufacturer
- Moeller master key systems cannot be combined with domestic locks

**Example of a general master key system (GHS):**

The system consists of 12 individual locks and the associated 12 different keys.













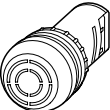
At the first level, the locks are combined to form 3 groups. For each of the 3 groups, there is one group key which can open all the locks in its group.

At the 2nd level, the 3 groups are combined to form 2 main groups, i.e. the 2nd level master keys can open all the locks from several groups. The general master key covers the 2 main groups and can thus open all 12 locks of the master key system.























## RMQ Titan

### Indicator Light Lens Assemblies

	Lens style	Type Article no.	Price See Price List	Std. pack
<b>Indicator lights, IP67, 69K</b>				
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, conical 		M22-LH-W 216778		10 off
		M22-LH-R 216779		
		M22-LH-G 216780		
		M22-LH-Y 216781		
		M22-LH-B 216782		
<b>Acoustic indicator IP40</b>				
Black front, includes 18 – 30 V DC buzzer, 83 dB/10 cm, 100 % DF Positive pole connected to X1 		M22-AM 216913		10 off





















# RMQ Titan

## Illuminated Push-Button Actuators

		Front ring titanium	Front ring black		
	Button lens style	Type Article no.	Type Article no.	Price See Price List	Std. pack
Illuminated push-button actuators, IP67, 69K					
		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
		M22-DL-G-X1 216938	M22S-DL-G-X1 216939		
		M22-DL-W-X0 216940	M22S-DL-W-X0 216941		
		M22-DL-W-X1 216942	M22S-DL-W-X1 216943		
 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
		M22-DRL-G-X1 216959	M22S-DRL-G-X1 216960		
		M22-DRL-W-X0 216961	M22S-DRL-W-X0 216962		
		M22-DRL-W-X1 216963	M22S-DRL-W-X1 216964		


























## RMQ Titan

### Illuminated Push-Button Actuators

		Front ring titanium	Front ring black		Std. pack
	Button lens style	Type Article no.	Type Article no.	Price See Price List	
Illuminated push-button actuators, IP67, 69K					
<div>Actuator extended, spring-return</div> 		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		
<div>Actuator extended, stay-put</div>  <div>Programmable stay-put/spring-return function</div>		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

				Front ring titanium	Front ring black			
Function		Thumb-grip colour		Type	Type	Price	Std. pack	
<div>↙ = Stay-put</div> <div>↘ = Spring-return</div>				Article no.	Article no.	See Price List		
Illuminated selector switch actuators, thumb-grip, IP66								
Two positions								
<div>Spring-return</div> 	↘	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			
<div>Stay-put</div> 	↙	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								
<div>Spring-return</div> 	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		
<div>Stay-put</div> 	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 <sup>1)</sup>				M22-WRLK3-*/ 217438	M22S-WRLK3-*/ 217439			
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	
 <div><div>↙</div><div>↘</div><div>—</div><div>●</div><div>●</div></div>								

## Notes




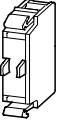




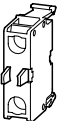



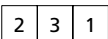
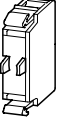


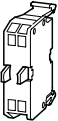


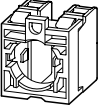
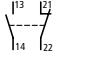

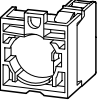
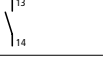

<sup>1)</sup> Example: M22-WRLK3-\*/\*

1 = ↓ ↓, 2 = ↘ ↘

Colour

**RMQ Titan****Fixing Adapters, Contact Elements**

	Contacts <sup>1)</sup> M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1	Configuration <sup>2)</sup>	Type Article no.	Price See Price List	Std. pack
<b>Fixing adapter (front fixing)</b>					
For M22-(C)K... contact elements and M22-(C)LED... LED elements Sequence numbers on fixing adapter					
			<b>M22-A</b> 216374		50 off
			<b>M22-A-GVP</b> 216375		500 off
<b>Contact elements with screw terminals</b>					
<b>Front fixing</b>					
	1 M –		<b>M22-K10</b> 216376		50 off
			<b>M22-K10-GVP</b> 216377		500 off
	– 1 B ⊕		<b>M22-K01</b> 216378		50 off
			<b>M22-K01-GVP</b> 216379		500 off
<b>Base fixing</b>					
	1 M –		<b>M22-KC10</b> 216380		20 off
			<b>M22-KC10-GVP</b> 216381		200 off
	– 1 B ⊕		<b>M22-KC01</b> 216382		20 off
			<b>M22-KC01-GVP</b> 216383		200 off
<b>Contact elements with Cage Clamp<sup>3)</sup></b>					
<b>Front fixing</b>					
	1 M –		<b>M22-CK10</b> 216384		10 off
	– 1 B ⊕		<b>M22-CK01</b> 216385		10 off
<b>Base fixing</b>					
	1 M –		<b>M22-CKC10</b> 216386		10 off
	– 1 B ⊕		<b>M22-CKC01</b> 216387		10 off
<b>Complete modules</b>					
Combination of contact elements with screw terminals and fixing adapter					
<b>Front fixing</b>					
	1 M 1 B ⊕		<b>M22-AK11</b> 216505		5 off
					
	1 M –		<b>M22-AK10</b> 216504		
	– 1 B ⊕		<b>M22-AK01</b> 216503		

**Notes**


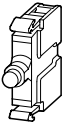








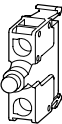








<sup>1)</sup>  $\begin{matrix} | \\ xy \end{matrix}$  x = Sequence numbers on fixing adapter  
y = Function numbers on contact element

<sup>2)</sup> Configuration of fixing adapter with sequence numbers to EN 50 013

<sup>3)</sup> Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden, Germany

# RMQ Titan


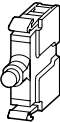








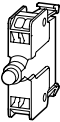








## LED Elements

	Rated operational voltage	Rated operational current	Service life at $T_a = +25\text{ }^{\circ}\text{C}$	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		M22-LED-W 216557		20 off
					M22-LED-R 216558		
					M22-LED-G 216559		
					M22-LED-B 218057		
	85 – 264 V AC	5 – 15 mA, $P_{\max.} = 0.33\text{ W}$	100 000 h		M22-LED230-W 216563		20 off
					M22-LED230-R 216564		
					M22-LED230-G 216565		
					M22-LED230-B 218059		
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		
	85 – 264 V AC	5 – 15 mA, $P_{\max.} = 0.33\text{ W}$	100 000 h		M22-LEDC230-W 216566		20 off
					M22-LEDC230-R 216567		
					M22-LEDC230-G 216568		
					M22-LEDC230-B 218060		
Notes	Colour of lens, thumb-grip		→	Colour of LED			
	M22(S)-L(H)-...		-R	→	-R		
	M22(S)-D(R)L(H)-...		-G	→	-G		
	M22(S)-W(R)LK-...		-W	→	-W		
			-Y	→	-W		
			-B	→	-W, -B		



# RMQ Titan

## LED Elements


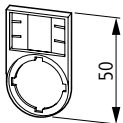
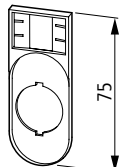
	Rated operational voltage	Rated operational current	Service life at $T_a = +25\text{ }^{\circ}\text{C}$	Colour	Type Article no.	Price See Price List	Std. pack
LED elements with Cage Clamp <sup>1)</sup>							
							
Front fixing							
	18 – 30 V AC/DC	8 – 15 mA	100 000 h		M22-CLED-W 216569		10 off
					M22-CLED-R 216570		
					M22-CLED-G 216571		
					M22-CLED-B 218061		
	85 – 264 V AC	5 – 15 mA, $P_{\text{max.}} = 0.33\text{ W}$	100 000 h		M22-CLED230-W 216575		10 off
					M22-CLED230-R 216576		
					M22-CLED230-G 216577		
					M22-CLED230-B 218063		
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		
	85 – 264 V AC	5 – 15 mA, $P_{\text{max.}} = 0.33\text{ W}$	100 000 h		M22-CLEDC230-W 216578		10 off
					M22-CLEDC230-R 216579		
					M22-CLEDC230-G 216580		
					M22-CLEDC230-B 218064		

## Notes

<sup>1)</sup> Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden, Germany
































Colour of lens, thumb-grip	→	Colour of LED
M22(S)-L(H)-...	→	-R
M22(S)-D(R)L(H)-...	→	-G
M22(S)-W(R)LK-...	→	-W
	→	-Y
	→	-B

**RMQ Titan****Complete Legend Plates, Insert Plates**






















	Type Article no.	Price See Price List	Std. pack			
<b>Complete legend plates</b>						
30 × 50 mm, round, black						
0 I	M22S-ST-X88 216485		10 off			
0 I	M22S-ST-X89 218147					
I 0 II	M22S-ST-X93 216486					
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					
Fault	M22S-ST-D8 216489					
Störung	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					
<b>Insert plates for label mounts, 18 × 27 mm</b>						
	Aluminium, blank	M22-XST 216480	100 off			
	Aluminium, blank	M22-XST-GVP 216481	500 off			
	With customized inscription Extra for quantities of ≤ 10 off	M22-XST- 216482	1 off	Letter height	Number of lines	Characters per line
				3 mm	max. 3	max. 12
				5 mm	max. 2	max. 8
<b>Legend plates, without label mount</b>						
Round, black, 30 mm wide						
	M22S-ST-X 216392		100 off			
	M22S-ST-X-GVP 216393		500 off			
For double actuators	M22S-STDD-X 216394		10 off			
						

# RMQ Titan

## Button Plates

Text	For use with	Colour	Style: flush Type Article no.	Price See Price List	Style: extended Type Article no.	Price See Price List	Std. pack
<b>Button plates for push-button actuators</b>							
	M22(S)-D-X M22(S)-DR-X M22(S)-DG-X		M22-XD-S 216421		M22-XDH-S 216428		10 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 customized inscription <sup>1)</sup>	M22-XD-*. * 216427		M22-XDH-*. * 216434		1 off
Zu	M22(S)-D-X M22(S)-DR-X M22(S)-DG-X		M22-XD-S-D2 218184		M22-XDH-S-D2 218229		10 off
Auf			M22-XD-S-D3 218185		M22-XDH-S-D3 218230		
Ab			M22-XD-S-D4 218186		M22-XDH-S-D4 218231		
Aus			M22-XD-R-D5 218187		M22-XDH-R-D5 218232		
Ein			M22-XD-S-D6 218188		M22-XDH-S-D6 218233		
Entsperren			M22-XD-B-D14 218189		M22-XDH-B-D14 218234		
Vorwärts			M22-XD-S-D15 218190		M22-XDH-S-D15 218235		
Rückwärts			M22-XD-S-D16 218191		M22-XDH-S-D16 218236		
Heben			M22-XD-S-D17 218192		M22-XDH-S-D17 218237		
Senken			M22-XD-S-D18 218193		M22-XDH-S-D18 218238		
STOP			M22-XD-R-GB0 218194		M22-XDH-R-GB0 218239		
			M22-XD-S-GB0 218195		M22-XDH-S-GB0 218240		
START			M22-XD-G-GB1 218196		M22-XDH-G-GB1 218241		
			M22-XD-W-GB1 218197		M22-XDH-W-GB1 218242		
CLOSE			M22-XD-S-GB2 218198		M22-XDH-S-GB2 218243		
UP			M22-XD-S-GB3 218199		M22-XDH-S-GB3 218244		
DOWN			M22-XD-S-GB4 218200		M22-XDH-S-GB4 218245		
OFF			M22-XD-R-GB5 218202		M22-XDH-R-GB5 218247		
ON			M22-XD-S-GB6 218203		M22-XDH-S-GB6 218248		
TEST			M22-XD-S-GB9 218201		M22-XDH-S-GB9 218246		
RESET			M22-XD-B-GB14 218204		M22-XDH-B-GB14 218249		
FORWARD			M22-XD-S-GB15 218205		M22-XDH-S-GB15 218250		
REVERSE			M22-XD-S-GB16 218206		M22-XDH-S-GB16 218251		
RAISE			M22-XD-S-GB17 218208		M22-XDH-S-GB17 218252		
LOWER			M22-XD-S-GB18 218209		M22-XDH-S-GB18 218253		

**RMQ Titan**  
Button Plates

For use with		Colour Symbol	Style: flush Type Article no.	Price See Price List	Style: extended Type Article no.	Price See Price List	Std. pack
Button plates for push-button actuators							
STOP	M22(S)-D-X M22(S)-DR-X M22(S)-DG-X		M22-XD-R-X0 218153		M22-XDH-R-X0 218155		10 off
			M22-XD-S-X0 218154		M22-XDH-S-X0 218156		
START			M22-XD-G-X1 218165		M22-XDH-G-X1 218210		
			M22-XD-S-X1 218166		M22-XDH-S-X1 218211		
			M22-XD-W-X1 218167		M22-XDH-W-X1 218212		
			M22-XD-G-X2 218168		M22-XDH-G-X2 218213		
			M22-XD-S-X2 218169		M22-XDH-S-X2 218214		
Increase			M22-XD-S-X4 218170		M22-XDH-S-X4 218215		
Decrease			M22-XD-S-X5 218171		M22-XDH-S-X5 218216		
Reset			M22-XD-B-X6 218172		M22-XDH-B-X6 218217		
Directions of movement			M22-XD-S-X7 218173		M22-XDH-S-X7 218218		
			M22-XD-S-X8 218174		M22-XDH-S-X8 218219		
Hand			M22-XD-S-X9 218175		M22-XDH-S-X9 218220		
Automatic			M22-XD-S-X10 218176		M22-XDH-S-X10 218221		
Inch			M22-XD-S-X11 218177		M22-XDH-S-X11 218222		
Unlock			M22-XD-S-X12 218178		M22-XDH-S-X12 218223		
Unclamp			M22-XD-S-X13 218179		M22-XDH-S-X13 218224		
Clamp			M22-XD-S-X14 218180		M22-XDH-S-X14 218225		
Release			M22-XD-S-X15 218181		M22-XDH-S-X15 218226		
Liquid			M22-XD-S-X16 218182		M22-XDH-S-X16 218227		
Klaxon			M22-XD-S-X17 218183		M22-XDH-S-X17 218228		

**Notes**

<sup>1)</sup> Example: M22-X...-\*-\*

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





























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

Letter height 3 mm: max. 8 characters in 1st line, 10 characters in 2nd line, 8 characters in 3rd line  
Letter height 5 mm: max. 5 characters per line  
Extra for quantities of  $\leq 9$  off + 50 %























**RMQ Titan**  
 Button Plates

Control Circuit Devices

Text	For use with	Colour	Type Article no.	Price See Price List	Std. pack
<b>Button plates for mushroom actuators</b>					
	M22(S)-DP(R)-...		<b>M22-XDP-S</b> 216435		10 off
			<b>M22-XDP-W</b> 216436		
			<b>M22-XDP-R</b> 216437		
			<b>M22-XDP-G</b> 216438		
			<b>M22-XDP-Y</b> 216439		
		With customized inscription <sup>1)</sup>	<b>M22-XDP-*-*</b> 216440		1 off
Zu	M22(S)-DP(R)-...		<b>M22-XDP-S-D2</b> 218272		10 off
Auf			<b>M22-XDP-S-D3</b> 218273		
Ab			<b>M22-XDP-S-D4</b> 218274		
Aus			<b>M22-XDP-R-D5</b> 218275		
Ein			<b>M22-XDP-S-D6</b> 218276		
Vorwärts			<b>M22-XDP-S-D15</b> 218277		
Rückwärts			<b>M22-XDP-S-D16</b> 218278		
Heben			<b>M22-XDP-S-D17</b> 218279		
Senken			<b>M22-XDP-S-D18</b> 218280		
STOP			<b>M22-XDP-R-GB0</b> 218281		
			<b>M22-XDP-S-GB0</b> 218282		
START			<b>M22-XDP-G-GB1</b> 218283		
			<b>M22-XDP-W-GB1</b> 218284		
CLOSE			<b>M22-XDP-S-GB2</b> 218285		
UP			<b>M22-XDP-S-GB3</b> 218286		
DOWN			<b>M22-XDP-S-GB4</b> 218287		
OFF			<b>M22-XDP-R-GB5</b> 218289		
ON			<b>M22-XDP-S-GB6</b> 218290		
TEST			<b>M22-XDP-S-GB9</b> 218288		
FORWARD			<b>M22-XDP-S-GB15</b> 218291		
REVERSE			<b>M22-XDP-S-GB16</b> 218292		
RAISE			<b>M22-XDP-S-GB17</b> 218293		
LOWER			<b>M22-XDP-S-GB18</b> 218294		

RMQ Titan  
Button Plates

For use with	Colour Symbol	Type Article no.	Price See Price List	Std. pack
<b>Button plates for mushroom actuators</b>				
STOP	M22(S)-DP(R)-...	 <b>M22-XDP-R-X0</b> 218157		10 off
		 <b>M22-XDP-S-X0</b> 218158		
START		 <b>M22-XDP-G-X1</b> 218254		
		 <b>M22-XDP-S-X1</b> 218255		
		 <b>M22-XDP-W-X1</b> 218256		
		 <b>M22-XDP-G-X2</b> 218257		
		 <b>M22-XDP-S-X2</b> 218258		
Increase		 <b>M22-XDP-S-X4</b> 218259		
Decrease		 <b>M22-XDP-S-X5</b> 218260		
Directions of movement		 <b>M22-XDP-S-X7</b> 218261		
		 <b>M22-XDP-S-X8</b> 218262		
Hand		 <b>M22-XDP-S-X9</b> 218263		
Automatic		 <b>M22-XDP-S-X10</b> 218264		
Inch		 <b>M22-XDP-S-X11</b> 218265		
Unlock		 <b>M22-XDP-S-X12</b> 218266		
Unclamp		 <b>M22-XDP-S-X13</b> 218267		
Clamp		 <b>M22-XDP-S-X14</b> 218268		
Release		 <b>M22-XDP-S-X15</b> 218269		
Liquid		 <b>M22-XDP-S-X16</b> 218270		
Klaxon		 <b>M22-XDP-S-X17</b> 218271		

Notes

1) Example: M22-X...-\*-\*

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




























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

Letter height 3 mm: max. 8 characters in 1st line, 10 characters in 2nd line, 8 characters in 3rd line  
Letter height 5 mm: max. 5 characters per line  
Extra for quantities of  $\leq 9$  off + 50 %






















**RMQ Titan**  
 Lenses

Control Circuit Devices

Text	For use with	Colour	Style: flush Type Article no.	Price See Price List	Style: extended Type Article no.	Price See Price List	Std. pack
<b>Lenses for indicator lights</b>							
	M22-L-X M22-LC-X		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 customized inscription <sup>1)</sup>	M22-XL-**- 216458		—		1 off
Zu	M22-L-X M22-LC-X		M22-XL-W-D2 218403		—		10 off
Auf			M22-XL-W-D3 218404		—		
Ab			M22-XL-W-D4 218405		—		
Aus			M22-XL-R-D5 218406		—		
Ein			M22-XL-W-D6 218407		—		
Vorwärts			M22-XL-W-D15 218408		—		
Rückwärts			M22-XL-W-D16 218409		—		
Heben			M22-XL-W-D17 218410		—		
Senken			M22-XL-W-D18 218411		—		
STOP			M22-XL-R-GB0 218412		—		
			M22-XL-W-GB0 218413		—		
START			M22-XL-G-GB1 218414		—		
			M22-XL-W-GB1 218415		—		
CLOSE			M22-XL-W-GB2 218416		—		
UP			M22-XL-W-GB3 218417		—		
DOWN			M22-XL-W-GB4 218418		—		
OFF			M22-XL-R-GB5 218420		—		
ON			M22-XL-W-GB6 218421		—		
TEST			M22-XL-W-GB9 218419		—		
FORWARD			M22-XL-W-GB15 218422		—		
REVERSE			M22-XL-W-GB16 218423		—		
RAISE			M22-XL-W-GB17 218424		—		
LOWER			M22-XL-W-GB18 218425		—		

RMQ Titan  
Lenses

For use with		Colour Symbol	Style: flush Type Article no.	Price See Price List	Std. pack
Lenses for indicator lights					
STOP	M22-L-X		M22-XL-R-X0 218163		10 off
	M22-LC-X		M22-XL-W-X0 218164		
START			M22-XL-G-X1 218384		
			M22-XL-W-X1 218385		
			M22-XL-G-X2 218386		
			M22-XL-W-X2 218387		
Increase			M22-XL-W-X4 218388		
Decrease			M22-XL-W-X5 218389		
Directions of movement			M22-XL-W-X7 218390		
			M22-XL-W-X8 218391		
Hand			M22-XL-W-X9 218392		
Automatic			M22-XL-W-X10 218393		
Inch			M22-XL-W-X11 218394		
Unlock			M22-XL-W-X12 218395		
Unclamp			M22-XL-W-X13 218396		
Clamp			M22-XL-W-X14 218399		
Release			M22-XL-W-X15 218400		
Liquid			M22-XL-W-X16 218401		
Klaxon			M22-XL-W-X17 218402		

Notes 1) Example: M22-X...-\*-\*

- Symbol (new or from library, e.g. GB12)
- Colour: e.g. -R, -G, -B, -W, -Y

Letter height 3 mm: max. 8 characters in 1st line, 10 characters in 2nd line, 8 characters in 3rd line  
Letter height 5 mm: max. 5 characters per line  
Extra for quantities of  $\leq 9$  off + 50 %































8  
10  
8

5






















## RMQ Titan

### Button Lenses

Text	For use with	Colour	Style: flush Type Article no.	Price See Price List	Style: extended Type Article no.	Price See Price List	Std. pack
<b>Button lenses for illuminated push-button actuators</b>							
	M22(S)-DL-X M22(S)-DRL-X		M22-XDL-W 216441		M22-XDLH-W 216447		10 off
			M22-XDL-R 216442		M22-XDLH-R 216448		
			M22-XDL-G 216443		M22-XDLH-G 216449		
			M22-XDL-Y 216444		M22-XDLH-Y 216450		
			M22-XDL-B 216445		M22-XDLH-B 216451		
		With customized inscription <sup>1)</sup>	M22-XDL-*. * 216446		M22-XDLH-*. * 216452		1 off
Zu	M22(S)-DL-X M22(S)-DRL-X		M22-XDL-W-D2 218316		M22-XDLH-W-D2 218359		10 off
Auf			M22-XDL-W-D3 218317		M22-XDLH-W-D3 218360		
Ab			M22-XDL-W-D4 218318		M22-XDLH-W-D4 218361		
Aus			M22-XDL-R-D5 218319		M22-XDLH-R-D5 218362		
Ein			M22-XDL-W-D6 218320		M22-XDLH-W-D6 218363		
Entsperren			M22-XDL-B-D14 218321		M22-XDLH-B-D14 218364		
Vorwärts			M22-XDL-W-D15 218322		M22-XDLH-W-D15 218365		
Rückwärts			M22-XDL-W-D16 218323		M22-XDLH-W-D16 218366		
Heben			M22-XDL-W-D17 218324		M22-XDLH-W-D17 218367		
Senken			M22-XDL-W-D18 218325		M22-XDLH-W-D18 218368		
STOP			M22-XDL-R-GB0 218326		M22-XDLH-R-GB0 218369		
			M22-XDL-W-GB0 218327		M22-XDLH-W-GB0 218370		
START			M22-XDL-G-GB1 218328		M22-XDLH-G-GB1 218371		
			M22-XDL-W-GB1 218329		M22-XDLH-W-GB1 218372		
CLOSE			M22-XDL-W-GB2 218330		M22-XDLH-W-GB2 218373		
UP			M22-XDL-W-GB3 218331		M22-XDLH-W-GB3 218374		
DOWN			M22-XDL-W-GB4 218332		M22-XDLH-W-GB4 218375		
OFF			M22-XDL-R-GB5 218334		M22-XDLH-R-GB5 218377		
ON			M22-XDL-W-GB6 218335		M22-XDLH-W-GB6 218378		
TEST			M22-XDL-W-GB9 218333		M22-XDLH-W-GB9 218376		
RESET			M22-XDL-B-GB14 218336		M22-XDLH-B-GB14 218379		
FORWARD			M22-XDL-W-GB15 218337		M22-XDLH-W-GB15 218380		
REVERSE			M22-XDL-W-GB16 218338		M22-XDLH-W-GB16 218381		
RAISE			M22-XDL-W-GB17 218339		M22-XDLH-W-GB17 218382		
LOWER			M22-XDL-W-GB18 218340		M22-XDLH-W-GB18 218383		

**RMQ Titan**  
Button Lenses

For use with			Colour Symbol	Style: flush Type Article no.	Price See Price List	Style: extended Type Article no.	Price See Price List	Std. pack
Button lenses for illuminated push-button actuators								
STOP	M22(S)-DL-X M22(S)-DRL-X		M22-XDL-R-X0 218159		M22-XDLH-R-X0 218161		10 off	
			M22-XDL-W-X0 218160		M22-XDLH-W-X0 218162			
START			M22-XDL-G-X1 218295		M22-XDLH-G-X1 218341			
			M22-XDL-W-X1 218296		M22-XDLH-W-X1 218342			
			M22-XDL-G-X2 218297		M22-XDLH-G-X2 218343			
			M22-XDL-W-X2 218301		M22-XDLH-W-X2 218344			
Increase			M22-XDL-W-X4 218302		M22-XDLH-W-X4 218345			
Decrease			M22-XDL-W-X5 218303		M22-XDLH-W-X5 218346			
Reset			M22-XDL-B-X6 218304		M22-XDLH-B-X6 218347			
Directions of movement			M22-XDL-W-X7 218305		M22-XDLH-W-X7 218348			
			M22-XDL-W-X8 218306		M22-XDLH-W-X8 218349			
Hand			M22-XDL-W-X9 218307		M22-XDLH-W-X9 218350			
Automatic			M22-XDL-W-X10 218308		M22-XDLH-W-X10 218351			
Inch			M22-XDL-W-X11 218309		M22-XDLH-W-X11 218352			
Unlock			M22-XDL-W-X12 218310		M22-XDLH-W-X12 218353			
Unclamp			M22-XDL-W-X13 218311		M22-XDLH-W-X13 218354			
Clamp			M22-XDL-W-X14 218312		M22-XDLH-W-X14 218355			
Release		M22-XDL-W-X15 218313		M22-XDLH-W-X15 218356				
Liquid		M22-XDL-W-X16 218314		M22-XDLH-W-X16 218357				
Klaxon		M22-XDL-W-X17 218315		M22-XDLH-W-X17 218358				

**Notes**

<sup>1)</sup> Example: M22-X...-\*-\*




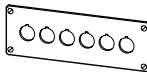




Symbol (new or from library, e.g. GB12)

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

Letter height 3 mm: max. 8 characters in 1st line, 10 characters in 2nd line, 8 characters in 3rd line  
Letter height 5 mm: max. 5 characters per line  
Extra for quantities of  $\leq 9$  off + 50 %



**RMQ Titan****Flush Mounting Panels, Shrouds**






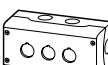

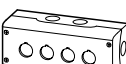

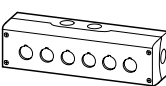

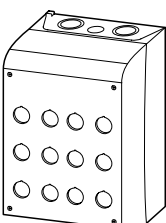

	Degree of protection	Number of locations	Colour <sup>1)</sup>	Cable entry knockouts Quantity × M20	Type Article no.	Price See Price List	Std. pack
<b>Flush mounting panels</b>							
Legend plates cannot be used if push-buttons are fitted in vertical column Without apertures, if required							
							
Aluminium with yellow paint finish for Emergency-Stop buttons	IP54	1		—	M22-EY1 216542		5 off
Aluminium, light anodized	IP54	1		—	M22-E1 216541		
		2		—	M22-E2 216543		
		3		—	M22-E3 216544		
		4		—	M22-E4 216545		
		5		—	M22-E5 216546		
		6		—	M22-E6 216547		1 off
							
<b>Shrouds</b>							
Plastic, light grey							
	IP55	1		3	M22-H1 216548		1 off
		2		4	M22-H2 216549		
		3		4	M22-H3 216550		
	IP40	4		4	M22-H4 216551		
		5		5	M22-H5 216552		
		6		6	M22-H6 216553		
<b>Set of plaster keys</b>							
Consists of two plaster keys as an aid to flush mounting of shrouds in plaster							
	—	—	—	—	M22-UPE 216554		1 off

**Notes**

<sup>1)</sup> Yellow RAL 1004,  
light grey RAL 7035

# RMQ Titan

## Surface Mounting Enclosures







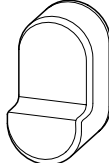
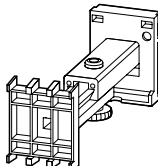
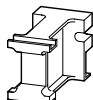



	Number of locations	Cable entry knockouts		Type	Price	Std. pack
		Bottom	Sides			
		Quantity × M...	Colour <sup>1)</sup>			
<b>Surface mounting enclosure, IP66</b> <small>totally insulated</small>						
With stainless steel screws						
For Emergency-Stop buttons	1	2 × 16	2 × 25/20 1 × 20		M22-IY1 216536	1 off
	1	2 × 16	2 × 25/20 1 × 20		M22-I1 216535	
	2	2 × 16	1 × 20 2 × 25/20		M22-I2 216537	
	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	
<b>Surface mounting enclosures, IP55</b> <small>totally insulated</small>						
	12	2 × 32/25	4 × 32/25 2 × 20		M22-I12 222688	1 off

**Notes**

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



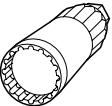
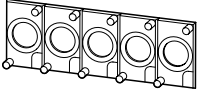
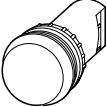
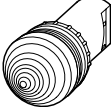

## RMQ Titan

### Accessories

	For use with	Colour	Type Article no.	Price See Price List	Std. pack
<b>Blanking plugs, IP66</b>					
Round style 	For blanking off reserve locations		<b>M22S-B</b> 216390		50 off
			<b>M22S-B-GVP</b> 216391		250 off
			<b>M22-B</b> 216388		50 off
			<b>M22-B-GVP</b> 216389		250 off
<b>Actuator diaphragms for IP67</b>					
Transparent diaphragms for severe environmental conditions and use in the food industry. Do not use with legend plates since degree of protection is not guaranteed					
 	M22(S)-D(R)-... push-button actuators M22(S)-DL-..., M22(S)-DRL-... illuminated push-button actuators M22-L(C)-... flush indicator lights		<b>M22-T-D</b> 216395		10 off
	M22(S)-DD(L)-... double actuators		<b>M22-T-DD</b> 216396		10 off
<b>Telescopic clip</b>					
For adjusting depth of rear mounting devices in CI enclosures and panels with a mounting depth of 115 – 155 mm. Stepless adjustment, screw fixing and snap fitting (top-hat rail to EN 50 022). Maximum of 10 × M22-TC per enclosure, 5 of which can hold stay-put actuators. Do not use with Emergency-Stop actuators.					
	For 3 contact/LED elements, base fixing, with centring adapter.		<b>M22-TC</b> 216398		10 off
<b>Extension</b>					
	For telescopic clip: for mounting depths up to 205 mm		<b>M22-TCV</b> 225527		1 off
<b>Centring adapter</b>					
	For use with M22-TC telescopic clip		<b>M22-ZA</b> 216399		10 off
<b>IVS top-hat rail adapter</b>					
	For EN 50 022 top-hat rail For front fixing		<b>M22-IVS</b> 216400		1 off
<b>Plunger bridge</b>					
	For middle contact on 3-position selector switch, non-illuminated (1 off), black		<b>M22-XW</b> 216405		10 off

# RMQ Titan

## Accessories












	For use with	Colour	Type Article no.	Price See Price List	Std. pack
<b>Threaded ring</b> M22 × 1.5 mm 			<b>M22-GR</b> 216401		50 off
			<b>M22-GR-GVP</b> 216404		500 off
<b>Set of adapter rings 30/22.3 mm</b> Black, consists of adapter ring and lock nut 	For fitting 22.3 mm diameter buttons into 30.5 mm diameter holes	●	<b>M22S-R30</b> 216408		10 off
<b>Combination box spanner</b> 	For threaded ring	—	<b>M22-MS</b> 216402		5 off
<b>Fixing plate</b> 	For fixing shrouds (M22-H...) to the M22-E... flush mounting panel for 5 locations	●	<b>M22-XE5</b> 218945		1 off
<b>Indicator lights, Compact, IP67, 69K</b> Flush, with BA 9s lamp socket 		○	<b>M22-LC-W</b> 216907		10 off
		●	<b>M22-LC-R</b> 216908		
		●	<b>M22-LC-G</b> 216909		
		●	<b>M22-LC-Y</b> 216910		
		●	<b>M22-LC-B</b> 216911		
		Without lens	<b>M22-LC-X</b> 216912		
Extended, with BA 9s lamp socket 		○	<b>M22-LCH-W</b> 216914		
		●	<b>M22-LCH-R</b> 216915		
		●	<b>M22-LCH-G</b> 216916		
		●	<b>M22-LCH-Y</b> 216917		
		●	<b>M22-LCH-B</b> 216918		
<b>Bulb extractor</b> 	For M22-LC(H)...	—	<b>M22-LG</b> 216403		5 off
	For Compact indicator lights				
<b>Inscription and selection software</b>			<b>M22-TITAN-SELECT</b> 222888		1 off
<b>Sheet of adhesive labels</b>			<b>XGKE-GE</b> 207517		25 off <sup>1)</sup>

## Notes

<sup>1)</sup> 1 off = 1 sheet  
240 labels per sheet

## RMQ Titan

### Accessories

	Service life to EN 60 064	Colour	Type Article no.	Price See Price List	Std. pack
$t_{\text{mean}}$ (AC) at $T_a = +25\text{ }^{\circ}\text{C}$					
<b>Blade terminal to DIN 46 244</b>					
1 × 6.3 × 0.8/2 × 2.8 × 0.8 mm					
	For contact and lamp socket elements Use insulated ferrules to DIN 46 245.		<b>BT483</b> 059904		100 off
<b>BA 9s filament bulbs for Compact indicator lights</b>					
Maximum length 28 mm, diameter 10 mm Made from selected, high-quality components					
					
110 – 130 V/2.4 W	2000 h		<b>GL130</b> 074200		50 off
6 V/2.0 W	5000 h		<b>GL6</b> 078946		
12 V/2.0 W	5000 h		<b>GL12</b> 071827		
24 V/2.0 W	5000 h		<b>GL24</b> 062570		
48 V/2.0 W	5000 h		<b>GL48</b> 076573		
60 V/2.0 W	5000 h		<b>GL60</b> 081319		
24 V/1.2 W	5000 h		<b>GL24-1.2</b> 045097		
<b>BA 9s neon bulbs for Compact indicator lights</b>					
Maximum length 28 mm, diameter 10 mm					
110 – 130 V AC/0.1 W	20000 h		<b>GIL110K</b> 055211		50 off
220 – 240 V AC/0.33 W	20000 h		<b>GIL220K</b> 057584		50 off
<b>BA 9s single-chip LEDs for Compact indicator lights</b>					
For AC and DC (positive pole connected to X1), protected against polarity reversal Built-in suppressor circuit up to 1500 V					
					
18 – 30 V AC/DC/15 mA	100000 h		<b>LED-W</b> 203962		10 off
18 – 30 V AC/DC/15 mA	100000 h		<b>LED-R</b> 203960		
18 – 30 V AC/DC/15 mA	100000 h		<b>LED-G</b> 203959		
18 – 30 V AC/DC/15 mA	100000 h		<b>LED-Y</b> 203963		
18 – 30 V AC/DC/15 mA	100000 h		<b>LED-B</b> 203961		
<b>BA 9s flashing LEDs for Compact indicator lights</b>					
For DC (positive pole connected to X1), protected against polarity reversal LED flash rate ≈ 1.1 Hz, Built-in suppressor circuit up to 1500 V					
24 V DC/0.5 W	20000 h (DC)		<b>LED-GE24B</b> 013195		10 off
24 V DC/0.5 W	20000 h (DC)		<b>LED-GN24B</b> 015568		
24 V DC/0.5 W	20000 h (DC)		<b>LED-RT24B</b> 017941		

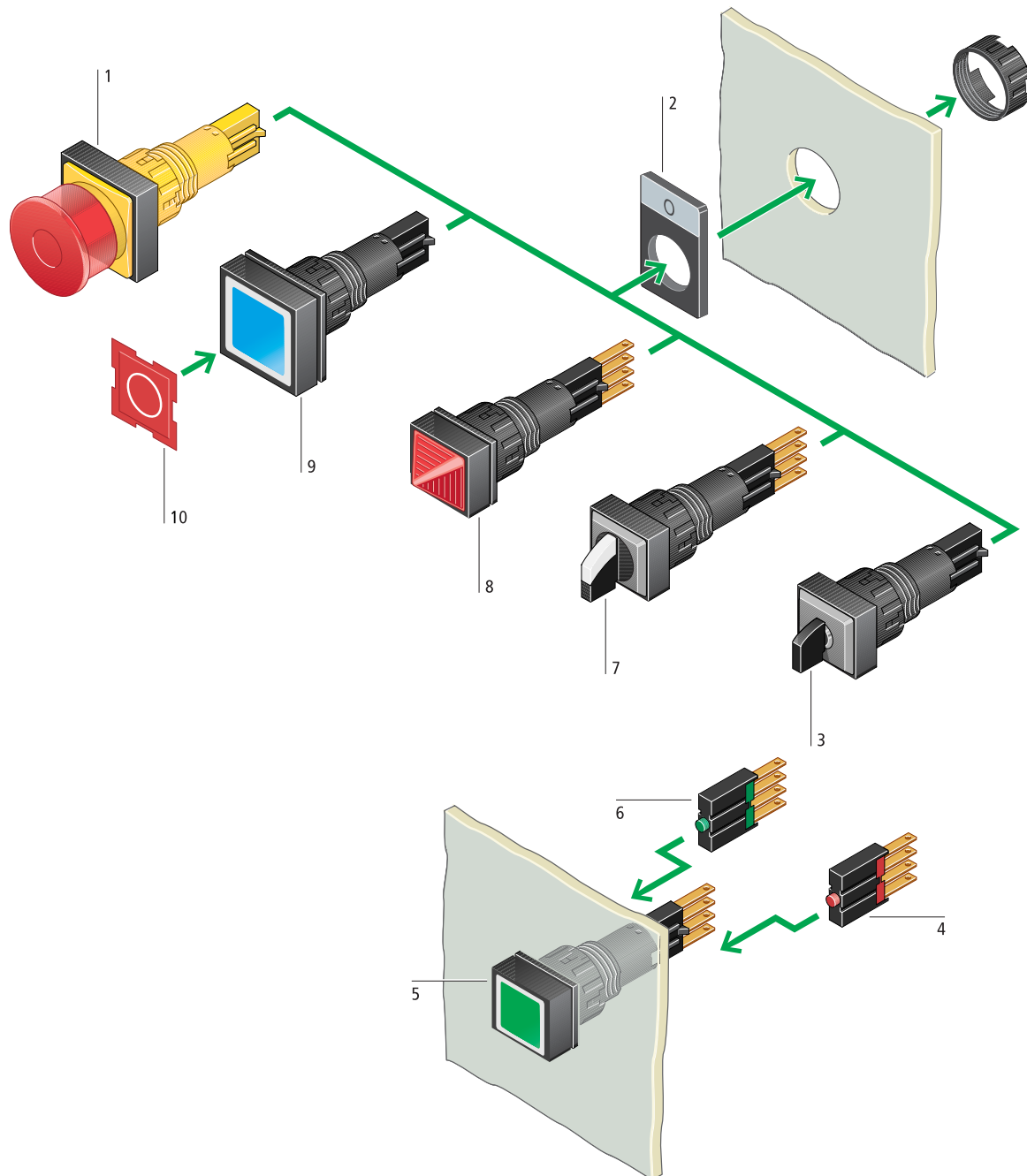
**RMQ Titan**  
Notes

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## RMQ16

### System Overview



## RMQ16

### System Overview

#### Emergency-Stop actuators 1

Tamper proof to ISO 13 850/EN 418

Illuminated and non-illuminated

Additional plates with and without text



→ Page 02/051

#### Label mounts 2

For insert plates

Colour: light grey, black, yellow

Insert plates with and without text

→ Page 02/056

#### Key-operated actuators 3

Two or three positions

Switching angle 45°

Spring-return and stay-put

Various lock mechanisms

→ Page 02/046

#### Break contact element (red) 4

With blade terminal

Universal contacts suitable for use with electronic devices

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

→ Page 02/044

#### Illuminated push-button actuators 5

Spring-return and stay-put

Interchangeable insert plates

Colours: white, green, red, yellow, blue

→ Page 02/045

#### Make contact element (green) 6

With blade terminal

Universal contacts suitable for use with electronic devices

→ Page 02/044

#### Selector switch actuators 7

Two or three positions

Switching angle 45°

Spring-return and stay-put

Illuminated selector switch actuators with integral lamp socket

Colours: white, green, red

→ Page 02/046

#### Indicator lights 8

Flush and conical versions

Integral lamp socket

For filament bulbs and LEDs

Colours: white, green, red, yellow, blue

→ Page 02/050

#### Push-button actuators 9

Spring-return and stay-put

Interchangeable button plates

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

→ Page 02/044

#### Button plates/insert plates 10

Abrasion-proof button plates for push-button actuators

Transparent insert plates for illuminated push-button actuators and indicator lights

With and without text

With standard texts and symbols

→ Page 02/052



















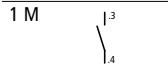

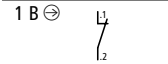

#### Product features

- Front dimension and minimum grid dimensions 18 × 18 mm or 25 × 25 mm
- Mounting diameter 16.2 mm to EN 50 007


- Degree of protection IP65
- Switching of different potentials
- Can be used with electronic devices to IEC/EN 61 131-2

- Technical data to IEC/EN 60 947-5-1
- Approved throughout the world

**RMQ16****Push-Button Actuators, Contact Elements**

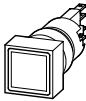
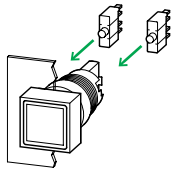


Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1		Button plate	Square style		Price See Price List	Std. pack
			Front dimensions:			
			18 × 18 mm	25 × 25 mm		
			Type	Type		
			Article no.	Article no.		
<b>Push-button actuators, IP65</b>						
<div>Spring-return</div> <div></div>		<b>Q18D-11</b> 086332	<b>Q25D-11</b> 090471		10 off	
		<b>Q18D-10</b> 086299	<b>Q25D-10</b> 090421			
		<b>Q18D-20</b> 054041	<b>Q25D-20</b> 054038			
		<b>Q18D-19</b> 054040	<b>Q25D-19</b> 054039			
		<b>Q18D-SW</b> 086788	<b>Q25D-SW</b> 087230		10 off	
		<b>Q18D-WS</b> 086752	<b>Q25D-WS</b> 086808			
		<b>Q18D-GN</b> 086450	<b>Q25D-GN</b> 086409			
		<b>Q18D-RT</b> 086713	<b>Q25D-RT</b> 086444			
		<b>Q18D-GE</b> 086417	<b>Q25D-GE</b> 086343			
		<b>Q18D-BL</b> 086384	<b>Q25D-BL</b> 086328			
	Without	<b>Q18D-X</b> 093623	<b>Q25D-X</b> 093624			
<div>Stay-put</div>		<b>Q18DR-SW</b> 086269	<b>Q25DR-SW</b> 088739		10 off	
		<b>Q18DR-WS</b> 086243	<b>Q25DR-WS</b> 088701			
		<b>Q18DR-GN</b> 086176	<b>Q25DR-GN</b> 088531			
		<b>Q18DR-RT</b> 086209	<b>Q25DR-RT</b> 088627			
		<b>Q18DR-GE</b> 090482	<b>Q25DR-GE</b> 088404			
		<b>Q18DR-BL</b> 090241	<b>Q25DR-BL</b> 088110			
	Without	<b>Q18DR-X</b> 093625	<b>Q25DR-X</b> 093626			
<b>Contact Elements<sup>1)</sup></b>						
Admissible operational voltage: 5 – 250 V						
<div></div>	1 M <div></div>	<div></div> <div>0 2,2 3,7 mm</div>	<b>E10</b> 090351	<b>E10</b> 090351		50 off
	1 B ⊕ <div></div>	<div></div> <div>0 1 3,7 mm</div>	<b>E01</b> 090401	<b>E01</b> 090401		50 off

**Notes**

<sup>1)</sup> 
 x = Sequence numbers on front element  
 y = Function numbers on contact element

## RMQ16





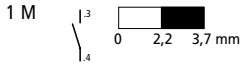
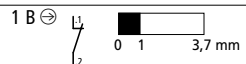
## Illuminated Push-Button Actuators, Contact Elements

		<div><div></div><b>Square style</b> Front dimensions:</div>		Price See Price List	Std. pack	Notes
Lens		18 × 18 mm <b>Type</b> Article no.	25 × 25 mm <b>Type</b> Article no.			
<b>Illuminated push-button actuators, IP65</b>						
<div>Spring-return Without filament bulb</div> <div></div>	<div></div>	<b>Q18LT-WS</b> 089202	<b>Q25LT-WS</b> 086262		10 off	<div></div> <div><b>Accessories</b> Assembly aids and accessories</div> <div><b>Page</b> 02/059</div>
	<div></div>	<b>Q18LT-GN</b> 089067	<b>Q25LT-GN</b> 086206			
	<div></div>	<b>Q18LT-RT</b> 089776	<b>Q25LT-RT</b> 086238			
	<div></div>	<b>Q18LT-GE</b> 088808	<b>Q25LT-GE</b> 086173			
	<div></div>	<b>Q18LT-BL</b> 088764	<b>Q25LT-BL</b> 090479			
<div>With filament bulb, 24 V</div>	<div></div>	<b>Q18LT-WS/WB</b> 088561	<b>Q25LT-WS/WB</b> 090226		10 off	
	<div></div>	<b>Q18LT-GN/WB</b> 088509	<b>Q25LT-GN/WB</b> 089190			
	<div></div>	<b>Q18LT-RT/WB</b> 088537	<b>Q25LT-RT/WB</b> 089998			
	<div></div>	<b>Q18LT-GE/WB</b> 088449	<b>Q25LT-GE/WB</b> 089137			
	<div></div>	<b>Q18LT-BL/WB</b> 088338	<b>Q25LT-BL/WB</b> 089102			
<div>Stay-put Without filament bulb</div>	<div></div>	<b>Q18LTR-WS</b> 088123	<b>Q25LTR-WS</b> 087232		10 off	
	<div></div>	<b>Q18LTR-GN</b> 087831	<b>Q25LTR-GN</b> 086812			
	<div></div>	<b>Q18LTR-RT</b> 087918	<b>Q25LTR-RT</b> 086840			
	<div></div>	<b>Q18LTR-GE</b> 087764	<b>Q25LTR-GE</b> 086784			
	<div></div>	<b>Q18LTR-BL</b> 086813	<b>Q25LTR-BL</b> 086739			
<div>With filament bulb, 24 V</div>	<div></div>	<b>Q18LTR-WS/WB</b> 086708	<b>Q25LTR-WS/WB</b> 086447		10 off	
	<div></div>	<b>Q18LTR-GN/WB</b> 086413	<b>Q25LTR-GN/WB</b> 086380			
	<div></div>	<b>Q18LTR-RT/WB</b> 086448	<b>Q25LTR-RT/WB</b> 086412			
	<div></div>	<b>Q18LTR-GE/WB</b> 086382	<b>Q25LTR-GE/WB</b> 086346			
	<div></div>	<b>Q18LTR-BL/WB</b> 086348	<b>Q25LTR-BL/WB</b> 086330			
<b>Contact elements<sup>1)</sup></b>						
Admissible operational voltage: 5 – 250 V						
<div></div>	1 M	<div></div>	<b>E10</b> 090351	<b>E10</b> 090351	50 off	
	1 B 	<div></div>	<b>E01</b> 090401	<b>E01</b> 090401	50 off	


## Notes

<sup>1)</sup>  $\begin{matrix} |_{xy} \\ |_{xy} \end{matrix}$  x = Sequence numbers on front element  
 y = Function numbers on contact element


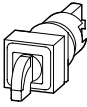
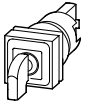

**RMQ16****Selector Switch Actuators, Key-Operated Actuators, Contact Elements**

					<div>  <b>Square style</b>            Front dimensions:         </div>		Price See Price List	Std. pack
Function = Stay-put = Spring-return	Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1	Key withdrawable in position	Colour		18 × 18 mm <b>Type</b> Article no.	25 × 25 mm <b>Type</b> Article no.		
<b>Selector switch actuators, IP65, 2 positions</b>								
With VS anti-rotation feature								
	45°				<b>Q18WK1</b> 036515	<b>Q25WK1</b> 036599		5 off
	45°				<b>Q18WK1R</b> 036598	<b>Q25WK1R</b> 036600		5 off
<b>Key-operated actuators, IP65, 2 positions</b>								
With 1 key and VS anti-rotation feature								
	45°		0	●	<b>Q18S1</b> 038806	<b>Q25S1</b> 038773		5 off
	45°		0	I ●	<b>Q18S1R</b> 038805	<b>Q25S1R</b> 038772		
	45°		0	●	<b>Q18S1R-A1</b> 072312	<b>Q25S1R-A1</b> 072376		
Other individual lock mechanisms (each colour corresponds to one lock mechanism)	45°		0	●	<b>Q18S1-GN</b> 062148	<b>Q25S1-GN</b> 062150		1 off
	45°		0	I ●	<b>Q18S1R-GN</b> 062151	<b>Q25S1R-GN</b> 062108		
	45°		0	●	<b>Q18S1-RT</b> 046841	<b>Q25S1-RT</b> 046843		
	45°		0	I ●	<b>Q18S1R-RT</b> 046837	<b>Q25S1R-RT</b> 046839		
	45°		0	○	<b>Q18S1-WS</b> 046849	<b>Q25S1-WS</b> 046851		
	45°		0	I ○	<b>Q18S1R-WS</b> 046845	<b>Q25S1R-WS</b> 046847		
	45°		0	●	<b>Q18S1-BL</b> 045959	<b>Q25S1-BL</b> 046835		
	45°		0	I ●	<b>Q18S1R-BL</b> 062814	<b>Q25S1R-BL</b> 045502		
<b>Contact elements<sup>1)</sup></b>								
Admissible operational voltage: 5 – 250 V								
	1 M			●	<b>E10</b> 090351	<b>E10</b> 090351		50 off
	1 B ⊕			●	<b>E01</b> 090401	<b>E01</b> 090401		50 off

**Notes**

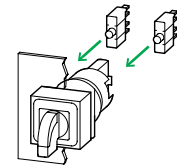
<sup>1)</sup>  x = Sequence numbers on front element  
y = Function numbers on contact element

**RMQ16****Selector Switch Actuators, Key-Operated Actuators, Contact Elements**

				<div>  <b>Square style</b>            Front dimensions:         </div>		Price	Std. pack	Notes
				18 × 18 mm	25 × 25 mm			
Function = Stay-put = Spring-return	Key withdrawable in position	Colour	Type	Article no.	Type	Article no.	See Price List	
<b>Selector switch actuators, IP65, 3 positions</b>								
With VS anti-rotation feature								
	45°	↕	45°		<b>Q18WK3</b>	<b>Q25WK3</b>		5 off
	45°	↓	45°		<b>Q18WK3R</b>	<b>Q25WK3R</b>		
	45°	↕	45°		<b>Q18WK3R1</b>	<b>Q25WK3R1</b>		
	45°	↕	45°		<b>Q18WK3R2</b>	<b>Q25WK3R2</b>		
					072308	072372		
					072309	072373		
					072310	072374		
					072311	072375		
<b>Key-operated actuators, IP65, 3 positions</b>								
With VS anti-rotation feature								
	45°	↕	45°	0	●	<b>Q18S3</b>	<b>Q25S3</b>	5 off
	45°	↓	45°	I 0 II	●	<b>Q18S3R</b>	<b>Q25S3R</b>	
	45°	↓	45°	0	●	<b>Q18S3R-A1</b>	<b>Q25S3R-A1</b>	1 off
	45°	↓	45°	I 0	●	<b>Q18S3R-A2</b>	<b>Q25S3R-A2</b>	
	45°	↓	45°	0 II	●	<b>Q18S3R-A3</b>	<b>Q25S3R-A3</b>	
	45°	↓	45°	I 0	●	<b>Q18S3R-A4</b>	<b>Q25S3R-A4</b>	
	45°	↓	45°	0	●	<b>Q18S3R-A5</b>	<b>Q25S3R-A5</b>	
	45°	↕	45°	0 II	●	<b>Q18S3R-A6</b>	<b>Q25S3R-A6</b>	
	45°	↕	45°	0	●	<b>Q18S3R-A7</b>	<b>Q25S3R-A7</b>	
Other individual lock mechanisms (each colour corresponds to one lock mechanism)	45°	↕	45°	0	●	<b>Q18S3-GN</b>	<b>Q25S3-GN</b>	1 off
	45°	↓	45°	I 0 II	●	<b>Q18S3R-GN</b>	<b>Q25S3R-GN</b>	
	45°	↕	45°	0	●	<b>Q18S3-RT</b>	<b>Q25S3-RT</b>	
	45°	↓	45°	I 0 II	●	<b>Q18S3R-RT</b>	<b>Q25S3R-RT</b>	
	45°	↕	45°	0	○	<b>Q18S3-WS</b>	<b>Q25S3-WS</b>	
	45°	↓	45°	I 0 II	○	<b>Q18S3R-WS</b>	<b>Q25S3R-WS</b>	
	45°	↕	45°	0	●	<b>Q18S3-BL</b>	<b>Q25S3-BL</b>	
	45°	↓	45°	I 0 II	●	<b>Q18S3R-BL</b>	<b>Q25S3R-BL</b>	
						062149	062153	
						062152	062147	
						046842	046844	
						046838	046840	
						046850	046852	
						046846	046848	
						046368	046836	
						064430	045646	
<b>Contact elements<sup>1)</sup></b>								
Admissible operational voltage: 5 – 250 V								
	1 M	↕		●	<b>E10</b>	<b>E10</b>		50 off
	1 B ⊕	↕		●	<b>E01</b>	<b>E01</b>		50 off
					090351	090351		
					090401	090401		

**Notes**

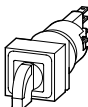






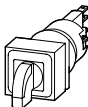















1)  $\begin{matrix} |_{xy} \\ |_{xy} \end{matrix}$  x = Sequence numbers on front element  
y = Function numbers on contact element

**Accessories****Page**

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**RMQ16****Illuminated Selector Switch Actuators, Contact Elements**

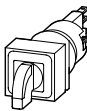

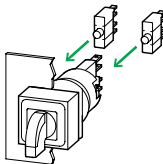





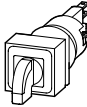















				<div><div></div>Square style</div> Front dimensions:		Price See Price List	Std. pack
				18 × 18 mm Type Article no.	25 × 25 mm Type Article no.		
<div><div>↙</div><div>↘</div></div> <div>Function = Stay-put = Spring-return</div>	Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1			Thumb-grip colour			
<b>Illuminated selector switch actuators, IP65, 2 positions</b>							
With VS anti-rotation feature Without filament bulb							
	↘	45°			<b>Q18LWK1-WS</b> 040349	<b>Q25LWK1-WS</b> 040658	5 off
	↘	45°			<b>Q18LWK1-RT</b> 039337	<b>Q25LWK1-RT</b> 040657	
	↘	45°			<b>Q18LWK1-GN</b> 039336	<b>Q25LWK1-GN</b> 040656	
	↙	45°			<b>Q18LWK1R-WS</b> 040376	<b>Q25LWK1R-WS</b> 040661	
	↙	45°			<b>Q18LWK1R-RT</b> 040351	<b>Q25LWK1R-RT</b> 040660	
	↙	45°			<b>Q18LWK1R-GN</b> 040350	<b>Q25LWK1R-GN</b> 040659	
<b>Illuminated selector switch actuators, IP65, 3 positions</b>							
With VS anti-rotation feature Without filament bulb							
	45°	↙↘	45°		<b>Q18LWK3-WS</b> 072322	<b>Q25LWK3-WS</b> 072358	5 off
	45°	↙↘	45°		<b>Q18LWK3-RT</b> 072323	<b>Q25LWK3-RT</b> 072359	
	45°	↙↘	45°		<b>Q18LWK3-GN</b> 072324	<b>Q25LWK3-GN</b> 072360	
	45°	↘↙	45°		<b>Q18LWK3R-WS</b> 072325	<b>Q25LWK3R-WS</b> 072361	
	45°	↘↙	45°		<b>Q18LWK3R-RT</b> 072326	<b>Q25LWK3R-RT</b> 072362	
	45°	↘↙	45°		<b>Q18LWK3R-GN</b> 072327	<b>Q25LWK3R-GN</b> 072363	
	45°	↘↙	45°		<b>Q18LWK3R1-WS</b> 072328	<b>Q25LWK3R1-WS</b> 072364	
	45°	↘↙	45°		<b>Q18LWK3R1-RT</b> 072329	<b>Q25LWK3R1-RT</b> 072365	
	45°	↘↙	45°		<b>Q18LWK3R1-GN</b> 072330	<b>Q25LWK3R1-GN</b> 072366	
	45°	↙↘	45°		<b>Q18LWK3R2-WS</b> 072331	<b>Q25LWK3R2-WS</b> 072367	
	45°	↙↘	45°		<b>Q18LWK3R2-RT</b> 072332	<b>Q25LWK3R2-RT</b> 072368	
	45°	↙↘	45°		<b>Q18LWK3R2-GN</b> 072333	<b>Q25LWK3R2-GN</b> 072369	
<b>Contact elements<sup>1)</sup></b>							
Admissible operational voltage: 5 – 250 V							
	1 M				<b>E10</b> 090351	<b>E10</b> 090351	50 off
	1 B⊕				<b>E01</b> 090401	<b>E01</b> 090401	50 off

**Notes**


1)  $\begin{matrix} | & x & y \\ | & & \\ | & & \end{matrix}$  x = Sequence numbers on front element  
y = Function numbers on contact element

RMQ16

Illuminated Selector Switch Actuators, Contact Elements

			<div><div></div><div>Square style</div><div>Front dimensions:</div></div>					
<div>↙ ↘</div> <div>Function = Stay-put = Spring-return</div>		Thumb-grip colour	Type Article no.	Type Article no.	Price See Price List	Std. pack	Notes	
<b>Illuminated selector switch actuators, IP65, 2 positions</b>								
With VS anti-rotation feature With filament bulb, 24 V								
	↘	45°		Q18LWK1-WS/WB 038978	Q25LWK1-WS/WB 040379	5 off		
	↘	45°		Q18LWK1-RT/WB 038930	Q25LWK1-RT/WB 040378			
	↘	45°		Q18LWK1-GN/WB 038883	Q25LWK1-GN/WB 040377			
	↙	45°		Q18LWK1R-WS/WB 039335	Q25LWK1R-WS/WB 040476			
	↙	45°		Q18LWK1R-RT/WB 039248	Q25LWK1R-RT/WB 040381			
	↙	45°		Q18LWK1R-GN/WB 039247	Q25LWK1R-GN/WB 040380			
<b>Illuminated selector switch actuators, IP65, 3 positions</b>								
With VS anti-rotation feature With filament bulb, 24 V								
	45°	↙↘	45°		Q18LWK3-WS/WB 072334	Q25LWK3-WS/WB 072346	5 off	
	45°	↙↘	45°		Q18LWK3-RT/WB 072335	Q25LWK3-RT/WB 072347		
	45°	↙↘	45°		Q18LWK3-GN/WB 072336	Q25LWK3-GN/WB 072348		
	45°	↘↙	45°		Q18LWK3R-WS/WB 072337	Q25LWK3R-WS/WB 072349		
	45°	↘↙	45°		Q18LWK3R-RT/WB 072338	Q25LWK3R-RT/WB 072350		
	45°	↘↙	45°		Q18LWK3R-GN/WB 072339	Q25LWK3R-GN/WB 072351		
	45°	↘↙↘	45°		Q18LWK3R1-WS/WB 072340	Q25LWK3R1-WS/WB 072352		
	45°	↘↙↘	45°		Q18LWK3R1-RT/WB 072341	Q25LWK3R1-RT/WB 072353		
	45°	↘↙↘	45°		Q18LWK3R1-GN/WB 072342	Q25LWK3R1-GN/WB 072354		
	45°	↘↙↘	45°		Q18LWK3R2-WS/WB 072343	Q25LWK3R2-WS/WB 072355		
	45°	↘↙↘	45°		Q18LWK3R2-RT/WB 072344	Q25LWK3R2-RT/WB 072356		
	45°	↘↙↘	45°		Q18LWK3R2-GN/WB 072345	Q25LWK3R2-GN/WB 072357		
<b>Contact elements<sup>1)</sup></b>								
Admissible operational voltage: 5 – 250 V								
	1 M	1 3		E10 090351	E10 090351	50 off		
	1 B	1 4		E01 090401	E01 090401	50 off		


























Notes

<sup>1)</sup>  x = Sequence numbers on front element  
 y = Function numbers on contact element





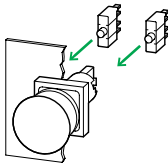



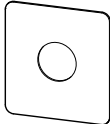
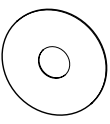


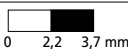


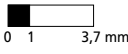




## RMQ16

## Indicator Lights











































		<div>  <b>Square style</b>            Front dimensions:         </div>			Std. pack
		18 × 18 mm	25 × 25 mm	Price	
Lens		Type Article no.	Type Article no.	See Price List	
<b>Indicator lights, IP65</b>					
Flush Without filament bulb 		<b>Q18LF-WS</b> 088406	<b>Q25LF-WS</b> 090228		10 off
		<b>Q18LF-GN</b> 088337	<b>Q25LF-GN</b> 090000		
		<b>Q18LF-RT</b> 088387	<b>Q25LF-RT</b> 090198		
		<b>Q18LF-GE</b> 088303	<b>Q25LF-GE</b> 089252		
		<b>Q18LF-BL</b> 088270	<b>Q25LF-BL</b> 089229		
With filament bulb, 24 V 		<b>Q18LF-WS/WB</b> 088059	<b>Q25LF-WS/WB</b> 089151		10 off
		<b>Q18LF-GN/WB</b> 087947	<b>Q25LF-GN/WB</b> 088828		
		<b>Q18LF-RT/WB</b> 088001	<b>Q25LF-RT/WB</b> 089104		
		<b>Q18LF-GE/WB</b> 087915	<b>Q25LF-GE/WB</b> 088798		
		<b>Q18LF-BL/WB</b> 087860	<b>Q25LF-BL/WB</b> 088761		
Conical Without filament bulb 		<b>Q18LH-WS</b> 088705	<b>Q25LH-WS</b> 086263		10 off
		<b>Q18LH-GN</b> 088629	<b>Q25LH-GN</b> 086207		
		<b>Q18LH-RT</b> 088655	<b>Q25LH-RT</b> 086241		
		<b>Q18LH-GE</b> 088585	<b>Q25LH-GE</b> 090481		
		<b>Q18LH-BL</b> 088560	<b>Q25LH-BL</b> 090428		
With filament bulb, 24 V 		<b>Q18LH-WS/WB</b> 088535	<b>Q25LH-WS/WB</b> 090405		10 off
		<b>Q18LH-GN/WB</b> 088483	<b>Q25LH-GN/WB</b> 090312		
		<b>Q18LH-RT/WB</b> 088507	<b>Q25LH-RT/WB</b> 090354		
		<b>Q18LH-GE/WB</b> 088448	<b>Q25LH-GE/WB</b> 090285		
		<b>Q18LH-BL/WB</b> 088424	<b>Q25LH-BL/WB</b> 090240		

**RMQ16****Emergency-Stop Actuators, Emergency-Stop Labels, Contact Elements**

		<div> <b>Square style</b> Front dimensions:</div>			
Contacts M = Make, B = Break, ⊕ = Positive opening safety function to IEC/EN 60 947-5-1		Colour Form	<b>Type</b> Article no.	<b>Price</b> See Price List	<b>Notes</b>  Std. pack
<b>Emergency-Stop actuators, IP65</b> Tamper proof to ISO 13 850, EN 418 Plunger remains in actuated position when pressed. Pull to release					
<div> </div>					
Non-illuminated			<b>Q25PV</b> 072370		5 off
					<div></div> <div><b>Accessories</b> <b>Page</b> Assembly aids and accessories 02/059</div>
Illuminated With integral multiple LED, 24 V DC, $I_e = 15 \text{ mA}$ Positive pole connected to X1 No need to change the bulb			<b>Q25LPV</b> 072371		
					
<b>Emergency-Stop labels, IP65</b> NOT-AUS EMERGENCY-STOP ARRET D'URGENCE EMERGENZA					
Yellow with black text 50 × 50 mm Ø 60 mm		Square	<b>SQT1</b> 058874		5 off
		Round	<b>SRT1</b> 058873		5 off
<div> </div>					
Blank Not suitable for engraving		Square	<b>SQ-GE</b> 063263		5 off
		Round	<b>SR-GE</b> 063264		5 off
<div> </div>					
<b>Contact elements<sup>1)</sup></b> Admissible operational voltage: 5 – 250 V					
<div></div>		1 M   	<b>E10</b> 090351		50 off
		1 B ⊕   	<b>E01</b> 090401		50 off
<b>Notes</b> <div><div><sup>1)</sup> </div><div>x = Sequence numbers on front element y = Function numbers on contact element</div></div>					

## RMQ16

### Marking Plates








































		Button plates For push-button actuators					Transparent insert plates For illuminated push-button actuators and indicator lights, flush			
	Symbol	18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List	Symbol	18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List	Std. pack <sup>1)</sup>	
Marking plates										
Symbols to DIN 30 600										
		01TQ18 086816	01TQ25 091121			01LQ18 090231	01LQ25 093180		20 off	
		02TQ18 086859	02TQ25 091149			–	–			
		03TQ18 087766	03TQ25 091184			–	–			
		04TQ18 087834	04TQ25 091442			–	–			
		05TQ18 087867	05TQ25 091471			–	–			
		06TQ18 087920	06TQ25 091506			–	–			
AUS		10TQ18 087951	10TQ25 091536			10LQ18 090243	10LQ25 093225		20 off	
STOP or OFF		19TQ18 054510	19TQ25 054508			–	–			
EIN		11TQ18 088007	11TQ25 091562			11LQ18 090288	11LQ25 093242			
START or ON		20TQ18 054509	20TQ25 054507			–	–		20 off	
		21TQ18 088061	21TQ25 091586			–	–			
Directions		32TQ18 088125	32TQ25 091618			32LQ18 090320	32LQ25 093264			
		36TQ18 088275	36TQ25 092592			36LQ18 090410	36LQ25 093330			
Voltage		34TQ18 095386	34TQ25 092563			34LQ18 090368	34LQ25 093307			
Positive		37TQ18 088315	37TQ25 092608			37LQ18 090434	37LQ25 093365			
Negative		38TQ18 088340	38TQ25 092645			38LQ18 090488	38LQ25 093402		20 off	
Hand		40TQ18 088389	40TQ25 092709			40LQ18 086178	40LQ25 093462			
Automatic		41TQ18 088412	41TQ25 092774			41LQ18 086210	41LQ25 093528			
ON-OFF, spring-return		43TQ18 088426	43TQ25 092791			43LQ18 086246	43LQ25 090501			
Unlock		52TQ18 088452	52TQ25 092825			52LQ18 086366	52LQ25 090640			
Lock		53TQ18 088487	53TQ25 092874			53LQ18 086453	53LQ25 090676			

## Notes

<sup>1)</sup> Minimum order quantity: 5 off

# RMQ16

## Marking Plates






















		Button plates For push-button actuators					Transparent insert plates For illuminated push-button actuators and indicator lights, flush				
	Symbol	18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List		Symbol	18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List		Std. pack <sup>1)</sup>
Marking plates											
Symbols to DIN 30 600											
Unclamp		54TQ18 088512	54TQ25 093013				54LQ18 086755	54LQ25 090706			20 off
Clamp		55TQ18 088545	55TQ25 093032				55LQ18 086817	55LQ25 090737			
Liquid START		–	921TQ25 047426				63LQ18 086861	63LQ25 090776			
Liquid STOP		63TQ18 088566	63TQ25 093060				63LQ18 086861	63LQ25 090776			
Klaxon		66TQ18 088590	66TQ25 093092				66LQ18 087800	66LQ25 090799			
Spindle START		–	811TQ25 053898				–	–			20 off
Spindle STOP		–	814TQ25 047425				–	–			
ON-OFF, stay-put		899TQ18 089232	899TQ25 093063				899LQ18 091008	899LQ25 093184			
Directions of movement		911TQ18 089778	911TQ25 093100				911LQ18 091045	911LQ25 093202			
		912TQ18 090181	912TQ25 093135				912LQ18 091088	912LQ25 093228			
Fault		–	–				920LQ18 062106	920LQ25 062107			20 off
		80TQ18 088631	80TQ25 093134				80LQ18 087840	80LQ25 090825			
		81TQ18 088663	81TQ25 093158				81LQ18 087868	81LQ25 090854			
		82TQ18 088715	82TQ25 093178				82LQ18 088343	82LQ25 090869			
		83TQ18 088744	83TQ25 093197				83LQ18 088517	83LQ25 090884			
		84TQ18 088766	84TQ25 093224				84LQ18 088547	84LQ25 090916			
		85TQ18 088811	85TQ25 093241				85LQ18 088567	85LQ25 090937			
		86TQ18 089069	86TQ25 093257				86LQ18 088593	86LQ25 090952			
		87TQ18 089107	87TQ25 093288				87LQ18 088664	87LQ25 090990			
		88TQ18 089165	88TQ25 093305				88LQ18 088721	88LQ25 091021			
		89TQ18 089205	89TQ25 093329				89LQ18 088746	89LQ25 091048			

### Notes

<sup>1)</sup> Minimum order quantity: 5 off

## RMQ16

### Marking Plates

		Button plates For push-button actuators				Transparent insert plates For illuminated push-button actuators and indicator lights, flush			Std. pack <sup>1)</sup>
		18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List		18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List	
<b>Marking plates</b>									
Text <sup>2)</sup> to DIN 30 640									
STOP		–	110TQ25 093363			110LQ18 088773	110LQ25 091091		20 off
STOP		–	112TQ25 063748			110LQ18 088773	110LQ25 091091		
ARRET		–	310TQ25 091446			310LQ18 090851	310LQ25 092876		
START		–	111TQ25 093399			111LQ18 088813	111LQ25 091126		20 off
START		–	122TQ25 063746			111LQ18 088813	111LQ25 091126		
MARCHE		–	311TQ25 091475			311LQ18 090865	311LQ25 093017		
AUS		–	117TQ25 093434			117LQ18 089073	117LQ25 091154		20 off
AUS		–	113TQ25 063749			117LQ18 089073	117LQ25 091154		
OFF		–	217TQ25 090911			217LQ18 090498	217LQ25 092569		
ARRET		–	317TQ25 091508			310LQ18 090851	310LQ25 092876		20 off
EIN		–	121TQ25 093461			121LQ18 089173	121LQ25 091188		
EIN		–	123TQ25 063747			121LQ18 089173	121LQ25 091188		
ON		–	221TQ25 090934			221LQ18 090524	221LQ25 092597		20 off
MARCHE		–	321TQ25 091563			311LQ18 090865	311LQ25 093017		
LINKS		–	134TQ25 093494			134LQ18 089234	134LQ25 091449		
LEFT		–	234TQ25 090987			234LQ18 090665	234LQ25 092611		20 off
GAUCHE		–	334TQ25 092567			334LQ18 090882	334LQ25 093038		
RECHTS		–	135TQ25 093527			135LQ18 089877	135LQ25 091477		
RIGHT		–	235TQ25 091009			235LQ18 090699	235LQ25 092661		20 off
DROITE		–	335TQ25 092594			335LQ18 090910	335LQ25 093072		













#### Notes

<sup>1)</sup> Minimum order quantity: 5 off

<sup>2)</sup> Non-standard inscriptions for button plates and transparent insert plates available upon request. For delivery please enquire

## RMQ16

### Marking Plates

		Button plates For push-button actuators			Transparent insert plates For illuminated push-button actuators and indicator lights, flush			Std. pack <sup>1)</sup>
		18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List	18 × 18 mm Type Article no.	25 × 25 mm Type Article no.	Price See Price List	
<b>Marking plates</b>								
Text <sup>2)</sup> to DIN 30 640								
ZU		–	153TQ25 090632			153LQ18 090185	153LQ25 091510	20 off
CLOSE		–	253TQ25 091089			253LQ18 090731	253LQ25 092724	
FERME		–	353TQ25 092609			353LQ18 090933	353LQ25 093104	
AUF		–	172TQ25 090732			172LQ18 090206	172LQ25 091538	20 off
UP		–	272TQ25 091124			272LQ18 090768	272LQ25 092778	
MONTEE		–	372TQ25 092711			372LQ18 090949	372LQ25 093139	
AB		–	173TQ25 090822			173LQ18 090247	173LQ25 091565	20 off
DOWN		–	273TQ25 091152			273LQ18 090796	273LQ25 092794	
DESCENTE		–	373TQ25 092775			373LQ18 090983	373LQ25 093163	
RESET		–	287TQ25 091185			287LQ18 090820	287LQ25 092844	20 off
VOR		–	190TQ25 090852			190LQ18 090291	190LQ25 091599	
ZURÜCK		–	191TQ25 090866			191LQ18 090496	191LQ25 091620	















#### Notes

<sup>1)</sup> Minimum order quantity: 5 off

<sup>2)</sup> Non-standard inscriptions for button plates and transparent insert plates available upon request. For delivery please enquire


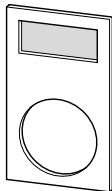

















**RMQ16**

## Insert Plates, Label Mounts

		Insert plates For Q25T...-X label mounts		Label mounts Q25T... with insert plate		Std. pack
		Type Article no.	Price See Price List	Type Article no.	Price See Price List	
<b>Insert plates, label mounts</b>						
10 × 22 mm						
Blank, black, can be engraved		<b>01SQ25</b> 037986		<b>Q25TS-01</b> 046184		20 off
Blank, aluminium-coloured, can be engraved		<b>02SQ25</b> 038074		<b>Q25TS-02</b> 046185		
Blank, yellow, not suitable for engraving		<b>05SQ25</b> 063201		<b>Q25TGE-05</b> 063259		
Insert plate aluminium-coloured or yellow		<b>10SQ25</b> 038268		<b>Q25TS-10</b> 046186		
Text <sup>1)</sup> black		<b>11SQ25</b> 038269		<b>Q25TS-11</b> 046187		
		<b>32SQ25</b> 038270		<b>Q25TS-32</b> 046188		
		<b>90SQ25</b> 038271		<b>Q25TS-90</b> 046189		20 off
		<b>93SQ25</b> 072300		<b>Q25TS-93</b> 072304		
STOP		<b>110SQ25</b> 038507		<b>Q25TS-110</b> 046190		
STOP		<b>110SQ25</b> 038507		<b>Q25TS-110</b> 046190		20 off
ARRET		<b>310SQ25</b> 038768		<b>Q25TS-310</b> 046191		
START		<b>111SQ25</b> 038508		<b>Q25TS-111</b> 046192		
START		<b>111SQ25</b> 038508		<b>Q25TS-111</b> 046192		
MARCHE		<b>311SQ25</b> 038769		<b>Q25TS-311</b> 046193		

**Notes**<sup>1)</sup> Non-standard inscriptions for insert plates available upon request. For delivery please enquire

**RMQ16****Insert Plates, Label Mounts**

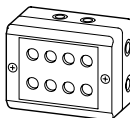
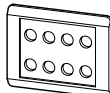








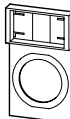



		<b>Insert plates</b> For Q25T...-X label mounts		<b>Label mounts</b> Q25T... with insert plate		Std. pack
		<b>Type</b> Article no.	<b>Price</b> See Price List	<b>Type</b> Article no.	<b>Price</b> See Price List	
<b>Insert plates, label mounts</b>						
Insert plate aluminium-coloured or yellow Text <sup>1)</sup> black						
AUS		117SQ25 038509			Q25TS-117 046194	20 off
OFF		217SQ25 038728			Q25TS-217 046195	
ARRET		310SQ25 038768			Q25TS-310 046191	
EIN		121SQ25 038579			Q25TS-121 046196	20 off
ON		221SQ25 038765			Q25TS-221 046197	
MARCHE		311SQ25 038769			Q25TS-311 046193	
Störung		150SQ25 038661			Q25TS-150 046198	20 off
FAULT		250SQ25 038766			Q25TS-250 046199	
DEFAULT		386SQ25 072302			Q25TS-386 072306	
Betrieb		183SQ25 038727			Q25TS-183 046201	20 off
RUN		283SQ25 038767			Q25TS-283 046203	
EN SERVICE		383SQ25 038771			Q25TS-383 046204	
HAND 0 AUTO		197SQ25 072301			Q25TS-197 072305	20 off
HAND 0 AUTO		197SQ25 072301			Q25TS-197 072305	
MAN. 0 AUTO		397SQ25 072303			Q25TS-397 072307	
NOT-AUS		199SQ25 063200			Q25TGE-199 063260	20 off
Emergency-Stop		299SQ25 063199			Q25TGE-299 063261	
ARRET D'URGENCE		399SQ25 048638			Q25TGE-399 063262	

**Notes**<sup>1)</sup> Non-standard inscriptions for insert plates available upon request. For delivery please enquire



## RMQ16

### Enclosures















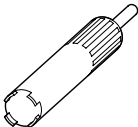






	Colour	Type Article no.	Price See Price List	Std. pack	
<b>Surface mounting enclosure, IP65<sup>1)</sup></b>					
With moulded cover fixing screws For conventional wiring or for fitting ILP1 printed circuit boards, → HPL0213, Section 05 Enclosure cover light grey <sup>2)</sup> Enclosure base black <sup>3)</sup> 8 locations With cable entry knockouts Bottom: 4 × PG 9/13,5 Sides: 6 × PG 9/13,5; 1 × PG 13,5					
					
		I8 046299		1 off	
Surface mounting enclosure for configuration of complete units					
		KI8 054422		1 off	
<b>Flush mounting panel, IP65<sup>1)</sup></b>					
For conventional wiring or for fitting ELP1 printed circuit boards, → HPL0213, Section 05 8 locations					
					
	 <sup>2)</sup>	E8 054423		1 off	
	 <sup>3)</sup>	E8-SW 065212			
Flush mounting panel for configuration of complete units					
	 <sup>2)</sup>	KE8 054424			
	 <sup>3)</sup>	KE8-SW 065211			
<b>Cover plates, IP65</b>					
For blanking off reserve locations in surface mounting enclosures or flush mounting panels, grid dimensions 25 × 37.5 mm					
		Q25AS 036602		10 off	
		Q25AGR 048641			
		Q25AGE 048640			
<b>Label mounts for insert plates</b>					
For additional labelling of locations in surface mounting enclosures or flush mounting panels, grid dimensions 25 × 37.5 mm For suitable insert plates → Page 02/052					
		Q25TS-X 036601		20 off	
		Q25TGR-X 063257			
		Q25TGE-X 063258			

#### Notes

- <sup>1)</sup> Unoccupied locations must be blocked off with blanking plates.  
 Each occupied location must be equipped with a label mount.
- <sup>2)</sup> RAL 7035
- <sup>3)</sup> RAL 9005












# RMQ16

## Accessories

		Service life	Colour	Type Article no.	Price See Price List	Std. pack
		$t_{\text{mean}}$ (AC) at $T_a = +25^\circ\text{C}$				
Filament bulbs, W 2 × 4.6 d						
	6 V/1.0 W	10000 h		WBGL6 090223		50 off
	12 V/1.0 W	15000 h		WBGL12 089968		
	24 – 28 V/1.0 W	7000 h		WBGL24 089247		
Multiple LEDs, W 2 × 4.6 d						
For AC/DC						
	6 V/45 mA	60000 h		WBLED-GE6 055711		10 off
				WBLED-GN6 055712		
				WBLED-RT6 055713		
	12 V/24 mA	60000 h		WBLED-GE12 055714		
				WBLED-GN12 055715		
				WBLED-RT12 055716		
Single-Chip LED, W 2 × 4.6 d						
Positive pole to X1 Integral suppressor circuit up to 1000 V						
	18 – 30 V/7 – 12.5 mA	100000 h		LEDWB-Y 208724		10 off
				LEDWB-G 208725		
				LEDWB-R 208726		
				LEDWB-W 208728		
				LEDWB-B 208727		
Combination box spanner						
	For lock nuts, with bulb extractor			R16-MS 090297		10 off
Insulated sleeves						
	For 2.8 × 0.8 mm fast-on connectors, can be push-fitted from the front			ISH2.8 090267		100 off
Fast-on connectors						
	2.8 × 0.8 mm for conductor cross-sections 0.5 – 1 mm²			LT306.022.3 058863		100 off
Blanking plugs, IP65						
	For blanking off reserve locations, grid spacing 18 × 18 mm			Q18BS 037985		10 off
	For blanking off reserve locations, grid spacing 25 × 25 mm			Q25BS 036976		10 off
Anti-rotation feature						
	Guard ring as anti-rotation feature for all RMQ16 actuators			VS 046301		50 off

## RMQ16

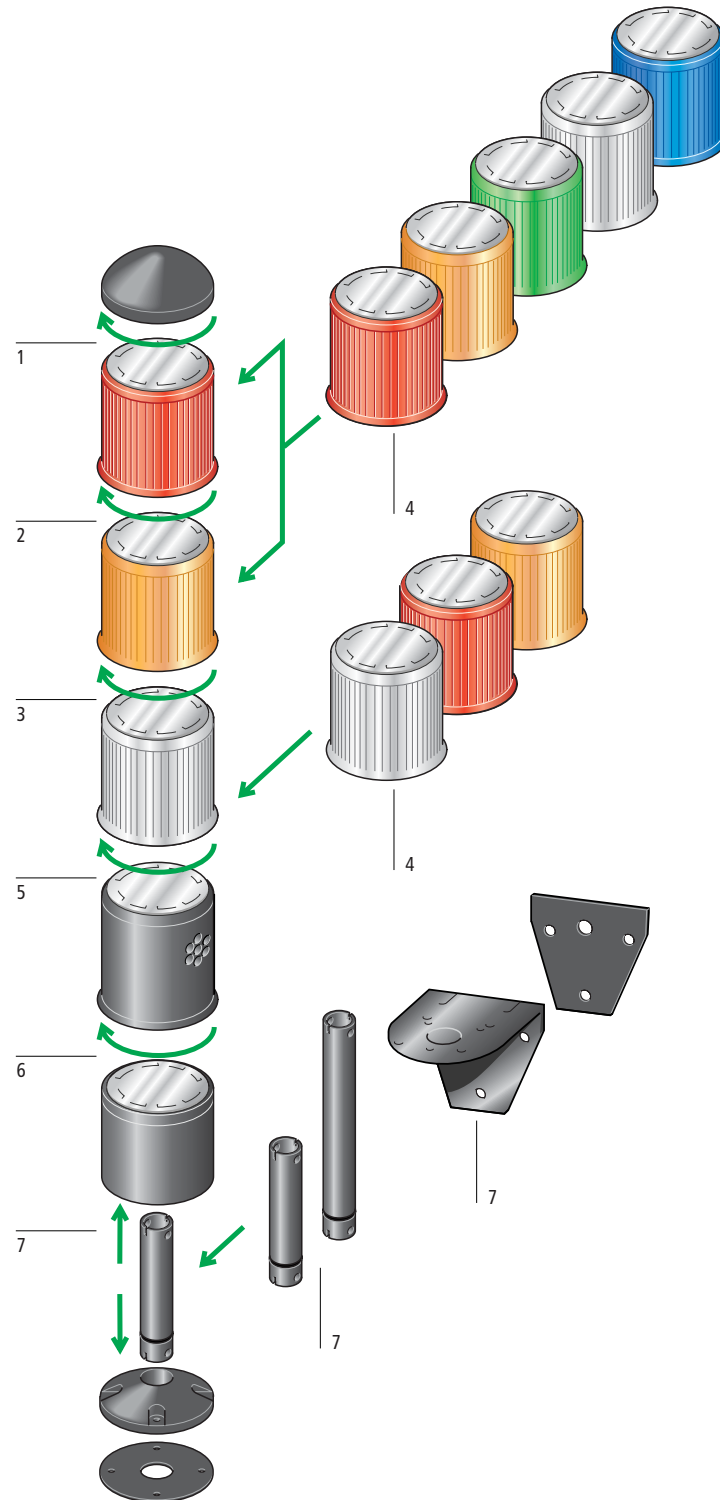
### Accessories

For use with	Colour	Type Article no.	Price See Price List	Std. pack
<b>PCB adapter</b>				
For adaptation to printed circuit boards. Lamp socket and contact elements can be fitted directly.				
		<b>PRA16</b> 046302		20 off
<b>Screw adapter IP20</b>				
For conductor cross-sections up to 1 × 1.5 mm², 2 × 0.75 mm²				
	For break contacts		<b>SRA01</b> 028101	20 off
	For make contacts		<b>SRA10</b> 028100	
	For lamp sockets		<b>SRAL</b> 028099	
<b>Individual key</b>				
Standard lock mechanism black. Each colour corresponds to a different lock mechanism				
		<b>ES16</b> 065190		10 off
		<b>ES16-GN</b> 030742		5 off
		<b>ES16-RT</b> 030741		
		<b>ES16-WS</b> 030743		
		<b>ES16-BL</b> 030744		

Notes

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## Signal Towers System Overview



## Signal Towers

### System Overview

<b>Continuous light</b>	1
Easy to assemble with bayonet fitting	
Arrangement of modules as required	
Degree of protection IP54	
Up to five levels can be actuated individually	
Operating mode 100% DF	
Without lights	
→ Page 02/066	

<b>Flashing light</b>	2
Easy to assemble with bayonet fitting	
Arrangement of modules as required	
Degree of protection IP54	
Up to five levels can be actuated individually	
Operating mode 100% DF	
With filament bulb	
Flash rate: approx. 1 Hz	
→ Page 02/066	

<b>Strobe light</b>	3
Easy to assemble with bayonet fitting	
Arrangement of modules as required	
Degree of protection IP54	
Up to five levels can be actuated individually	
Operating mode 100% DF	
Flash power 1 Ws	
Flash rate: approx. 1 Hz	
→ Page 02/067	

<b>Caps</b>	4
Colours: red, yellow, green, white, blue	
Fresnel grooves ensure even light distribution	


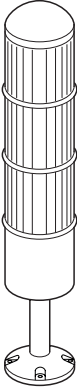


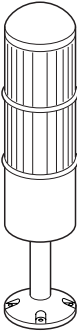




<b>Acoustic indicator</b>	5
Easy to assemble with bayonet fitting	
Arrangement of modules as required	
Degree of protection IP20	
Operating mode 100% DF	
Continuous or pulsed tone	
Sound pressure: approx. 90 dB at 60 cm	
Frequency: 2750 Hz	
→ Page 02/067	

<b>Basic module</b>	6
Easy to assemble with bayonet fitting	
Degree of protection IP54	
For floor mounting or in tubular column	
Terminal capacity: 6 × 1.5 mm <sup>2</sup>	
With top cover	
→ Page 02/066	

<b>Accessories</b>	7
Spacer tube available in four lengths	
Stand	
90° wall mounting bracket	
Market-standard four hole fixing	
→ Page 02/067	

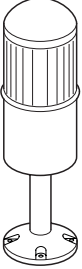


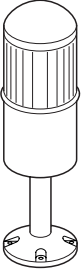











## SL... Signal Towers

### Complete Units

	Rated operational voltage  $U_e$	Number of modules	Colour  Configuration	Type Article no.	Price See Price List	Std. pack
<b>Complete units</b>						
Basic module with stand and 100 mm tube with filament bulb						
Continuous light IP54	230 V AC	3		<b>SL-100-L-RYG/230</b> 205351		1 off
	24 V AC/DC	3		<b>SL-100-L-RYG/24</b> 205352		1 off
Continuous light IP54	230 V AC	2		<b>SL-100-L-RG/230</b> 205353		1 off
	24 V AC/DC	2		<b>SL-100-L-RG/24</b> 205354		1 off
Continuous light IP54	230 V AC	1		<b>SL-100-L-W/230</b> 205355		1 off
	24 V AC/DC	1		<b>SL-100-L-W/24</b> 205356		1 off





























# SL... Signal Towers

## Complete Units

	Rated operational voltage  $U_e$	Number of modules	Colour  Configuration	Type Article no.	Price See Price List	Std. pack
<b>Complete units</b>						
Basic module with stand and 100 mm tube with filament bulb						
Continuous light IP54 	230 V AC	1		<b>SL-100-L-R/230</b> 205357		1 off
	24 V AC/DC	1		<b>SL-100-L-R/24</b> 205358		1 off
Continuous light IP54 	230 V AC	1		<b>SL-100-L-Y/230</b> 205359		1 off
	24 V AC/DC	1		<b>SL-100-L-Y/24</b> 205360		1 off
Strobe light, IP54 	230 V AC	1		<b>SL-100-FL230-W</b> 205361		1 off
	24 V AC/DC	1		<b>SL-100-FL24-W</b> 205362		1 off
Strobe light, IP54 	230 V AC	1		<b>SL-100-FL230-R</b> 205363		1 off
	24 V AC/DC	1		<b>SL-100-FL24-R</b> 205364		1 off
Acoustic indicator, IP20 Pulsed tone 	110 – 230 V AC/DC	1		<b>SL-100-AP110-230</b> 205365		1 off
	12 – 36 V AC/DC	1		<b>SL-100-AP24</b> 205366		1 off



# SL... Signal Towers Modules











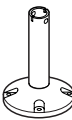



		Rated operational voltage  $U_e$	Colour	Type Article no.	Price See Price List	Std. pack
Basic module						
Black, with top cover  	With screw terminals			SL-B 205311		1 off
	With Cage Clamp <sup>1)</sup>			SL-CB 218483		1 off
Continuous light module						
Without filament bulbs  				SL-L-W 205312		1 off
				SL-L-R 205313		
				SL-L-G 205314		
				SL-L-Y 205315		
				SL-L-B 205316		
Flashing light module						
With filament bulb, also suitable for LED, $f \approx 1$ Hz  	24 V AC/DC			SL-BL24-W 205317		1 off
				SL-BL24-R 205318		
				SL-BL24-G 205319		
				SL-BL24-Y 205320		
				SL-BL24-B 205321		
	110 – 130 V AC			SL-BL130-W 205322		1 off
				SL-BL130-R 205323		
				SL-BL130-G 205324		
				SL-BL130-Y 205325		
				SL-BL130-B 205326		
	230 V AC			SL-BL230-W 205327		1 off
				SL-BL230-R 205328		
				SL-BL230-G 205329		
				SL-BL230-Y 205330		
				SL-BL230-B 205331		
Acoustic indicator module						
84 – 92 dB in 60 cm  	Continuous tone $f = 2750$ Hz	12 – 36 V AC/DC 8 – 12 mA		SL-A24 205341		1 off
		110 – 230 V AC/DC 4 – 8 mA		SL-A110-230 205342		
	Pulsed tone 5 Hz at $f = 2750$ Hz	12 – 36 V AC/DC 8 – 12 mA		SL-AP24 205343		
		110 – 230 V AC/DC 4 – 8 mA		SL-AP110-230 205344		

## Notes

<sup>1)</sup> Cage Clamp is a registered trademark of Wago Contact Technik GmbH, Minden, Germany

## SL... Signal Towers

### Modules, Accessories

Service life		Rated operational voltage	Colour	Type Article no.	Price See Price List	Std. pack
$t_{\text{mean}}$ at $T_a = +25\text{ °C}$		$U_e$				
Strobe light module						
With flash tube, 1 Ws, $f \approx 1\text{ Hz}$						
	24 V AC/DC $I_{\text{emax}}$ : 190 mA	  	SL-FL24-W 205332		1 off	
			SL-FL24-R 205333			
			SL-FL24-Y 205334			
	110 – 130 V AC $I_{\text{emax}}$ : 31 mA	  	SL-FL130-W 205335		1 off	
			SL-FL130-R 205336			
			SL-FL130-Y 205337			
	230 V AC $I_{\text{emax}}$ : 28 mA	  	SL-FL230-W 205338		1 off	
			SL-FL230-R 205339			
			SL-FL230-Y 205340			
Accessories						
Stand with spacer						
	100 mm, black plastic			SL-F100 205345		1 off
	250 mm, black plastic			SL-F250 205346		
	400 mm, metal			SL-F400 215275		
	800 mm, metal			SL-F800 215276		
Fixing bracket 90° for wall mounting						
				SL-FW 205347		1 off
Filament bulb BA 15d, 5 – 7 W						
	2000 h	24 V		SL-L24 205348		1 off
	5000 h	110 – 130 V		SL-L130 205349		
	5000 h	220 – 260 V		SL-L230 205350		
Multiple LED BA 15d, integral suppressor circuit up to 1500 V						
	100000 h	18 – 30 V AC/DC 13 – 50 mA		SL-LED-W 215278		1 off
	100000 h	18 – 30 V AC/DC 13 – 50 mA		SL-LED-R 215279		
	100000 h	18 – 30 V AC/DC 13 – 50 mA		SL-LED-G 215280		
	100000 h	18 – 30 V AC/DC 13 – 50 mA		SL-LED-Y 215281		
	100000 h	18 – 30 V AC/DC 13 – 50 mA		SL-LED-B 215282		
Set of gaskets, IP65 For 3 modules $\triangle$ 4 off						
		To increase degree of protection to IP65 (not applicable to acoustic indicator)		SL-IP65 215277		1 off

RMQ Titan  
Technical Data

Moeller HPL0211-2001/2002

			Contact elements	LED elements	Push-button actuators Mushroom actuators	Double actuators	Selector switch actuators Illuminated selector switch actuators
General technical data							
Standards			IEC/EN 60 947, VDE 0660				
Lifespan, mechanical	Operations	× 10 <sup>6</sup>	5	—	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			IP20	IP20	IP66	IP65	IP66
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 <sup>1)</sup>	–25/+70	–25/+70	–25/+70
Mounting position			As required	As required	As required	As required	As required
Mechanical shock resistance to IEC 60 068-2-27 (half-sinusoidal shock, duration 11 ms)		g	> 30	> 30	> 30	> 30	> 30
Terminal capacity							
Solid	Min./Max.	mm <sup>2</sup>	0.75/2.5	0.75/2.5	—	—	—
Stranded	Min./Max.	mm <sup>2</sup>	0.5/1.5	0.5/1.5	—	—	—
Dimensions			→ Page 02/074	—	→ Page 02/073	→ Page 02/073	→ Page 02/073
Contacts							
Rated impulse withstand voltage <i>U<sub>imp</sub></i>		V	6000	6000	—	—	—
Rated insulation voltage <i>U<sub>i</sub></i>		V	500	500	—	—	—
Overvoltage category/ pollution degree			III/3	III/3	—	—	—
Control circuit reliability at							
24 V DC/5 mA	Fault probability <i>H<sub>f</sub></i>		< 10 <sup>–7</sup> , < 1 fault in 10 <sup>7</sup> operations				
5 V DC/1 mA	Fault probability <i>H<sub>f</sub></i>		< 5 × 10 <sup>–4</sup> , < 1 fault in 5 × 10 <sup>6</sup> operations				
Maximum short-circuit protective device							
Fuseless	Type		PKZM0–10/ FAZ-B6	—	—	—	—
Fuse	A gG/tL		10	—	—	—	—
Switching capacity							
Rated operational current <i>I<sub>N</sub></i>							
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 <sup>6</sup>	1.6	—	—	—	—
230 V/1.0 A	Operations	× 10 <sup>6</sup>	1.0	—	—	—	—
230 V/3.0 A	Operations	× 10 <sup>6</sup>	0.7	—	—	—	—
DC-13							
12 V/2.8 A	Operations	× 10 <sup>6</sup>	1.2	—	—	—	—

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

Moeller HPL0211-2001/2002

RMQ Titan  
Technical Data

			Key-operated actuators	Indicator lights	Illuminated push-button actuators Push-button actuators Mushroom actuators Stay-put	Emergency-Stop actuators
General technical data						
Standards			IEC/EN 60 947, VDE 0660			
Lifespan, mechanical	Operations	× 10 <sup>6</sup>	0.1	–	1	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			IP66	IP66	IP66	IP66
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 to IEC 60 068-2-27 (half-sinusoidal shock, duration 11 ms)		g	> 30	> 30	> 30	> 50
Dimensions			→ Page 02/073	→ Page 02/073	→ Page 02/073	→ Page 02/073

## RMQ16

## Technical Data

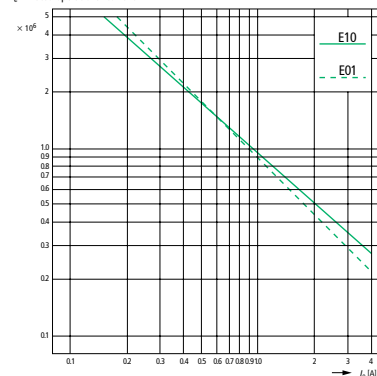
			Contact elements	Illuminated push-button actuators (stay-put)	Illuminated selector switch actuators	Indicator lights
<b>General technical data</b>						
Standards			IEC/EN 60 947, VDE 0660			
Lifespan, mechanical	Operations	× 10 <sup>5</sup>	100	30 (3)	3	—
Maximum operating frequency		Ops/h	3600	3600 (1800)	1800	—
Operating force		N	3	4	—	—
Operating torque		Nm	—	—	≤ 0.2	—
Degree of protection to IEC/EN 60 529			IP20 with ISH2.8	IP65	IP65	IP65
Climatic proofing			Damp heat, constant, to IEC 60 068-2-3 Damp heat, cyclical, to IEC 60 068-2-30			
<b>Ambient temperature</b>						
Open	Min./Max.	°C	–25/+60	–25/+60	–25/+60	–25/+60
Enclosed	Min./Max.	°C	–25/+40	–25/+40	–25/+40	–25/+40
Mounting position			As required	As required	As required	As required
Mechanical shock resistance to IEC 60 068-2-27 (half-sinusoidal shock, duration 11 ms)		g	40	40	40	40
Terminal capacity	Min./Max.	mm <sup>2</sup>	0.5/1.0	0.5/1.0	0.5/1.0	0.5/1.0
Blade terminal			2.8 × 0.8 mm to DIN 46 244			
Ferrule			2.8 × 0.8 mm to DIN 46 247 and IEC 60 760			
Dimensions			→ Page 02/078	→ Page 02/078	→ Page 02/078	→ Page 02/078
<b>Contacts</b>						
Rated impulse withstand voltage $U_{imp}$		V	4000	800	800	800
Rated insulation voltage $U_i$		V	250	250	250	250
Overvoltage category/ pollution degree			III/3	III/3	III/3	III/3
Bemessungsbetriebsspannung $U_n$	Max.	V	250	24	24	24
Rated operational current $I_n$	Max.	A	4	—	—	—
<b>Control circuit reliability at</b>						
24 V DC/5 mA	Fault probability $H_F$		< 10 <sup>–7</sup> , < 1 fault in 10 <sup>7</sup> operations			
5 V DC/1 mA	Fault probability $H_F$		< 5 × 10 <sup>–4</sup> , < 1 fault in 5 × 10 <sup>6</sup> operations			
<b>Use of insulated ferrule ISH 2.8</b>						
From $U_n$			> 24 V AC/DC recommended			
From $U_n$			> 50 V AC or 120 V DC is mandatory, even on unused blade terminals			
<b>Maximum short-circuit protective device</b>						
Fuseless	Type		FAZ-B6	—	—	—
Fuse	A gG/gL		10	—	—	—
<b>Switching capacity</b>						
<b>Rated operational current <math>I_n</math></b>						
<b>AC-15</b>						
24 V	A		4	—	—	—
48 V	A		4	—	—	—
110 V	A		4	—	—	—
230 V	A		4	—	—	—
<b>DC-13</b>						
24 V	A		3	—	—	—
42 V	A		1.0	—	—	—
60 V	A		0.8	—	—	—
110 V	A		0.5	—	—	—
220 V	A		0.2	—	—	—

## RMQ16

## Technical Data

Push-button actuators (stay-put)	Selector switch actuators	Key-operated actuators	Emergency-Stop actuators	Emergency-Stop actuators <sup>1)</sup> illuminated
IEC/EN 60 947, VDE 0660				
30 (3)	3	3	0.5	0.5
3600 (1800)	1800	1800	600	600
4	—	—	25	25
—	≤ 0.2	≤ 0.4	—	—
IP65	IP65	IP65	IP65	IP65
Damp heat, constant, to IEC 60 068-2-3 Damp heat, cyclical, to IEC 60 068-2-30				
–25/+60	–25/+60	–25/+60	–25/+60	–25/+60
–25/+40	–25/+40	–25/+40	–25/+40	–25/+40
As required	As required	As required	As required	As required
40	40	40	40	40
—	—	—	—	0.5/1.0
—	—	—	—	2.8 × 0.8 mm
—	—	—	—	2.8 × 0.8 mm
→ Page 02/078	→ Page 02/078	→ Page 02/078	→ Page 02/078	→ Page 02/078

Lifespan, electrical AC-15 to IEC/EN 60 947-5-1 at 230 V

 $I_n$  = Rated operational current

## Notes

<sup>1)</sup> See illuminated selector switch actuators for contact values



## SL Signal Towers

## Technical Data

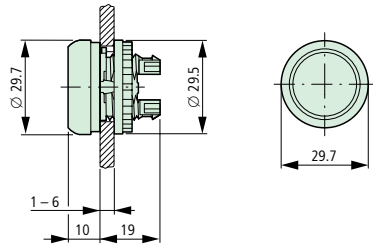
## General technical data

Standards			IEC/EN 60 947, VDE 0660
Degree of protection to IEC/EN 60 529			IP54
Climatic proofing			Damp heat, constant, to IEC 60 068-2-3 Damp heat, cyclical, to IEC 60 068-2-30
Ambient temperature			
Open	Min./Max.	°C	–
Enclosed	Min./Max.	°C	–25/+50
Mounting position			As required
Mechanical shock resistance to IEC 60 068-2-27 (half-sinusoidal shock, duration 11 ms)		g	15
Terminal capacity			
Solid		mm <sup>2</sup>	2 × 1.5; 1 × 2.5
Stranded		mm <sup>2</sup>	2 × 0.5; 1 × 1.5
Dimensions			→ Page 02/081
<b>Contacts</b>			
Rated impulse withstand voltage $U_{imp}$		V	4000
Rated insulation voltage $U_i$		V	250
Overvoltage category/ pollution degree			III/3

# RMQ Titan

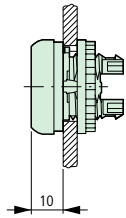
## Dimensions

### Actuators and indicators

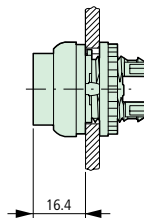


### Push-button actuators

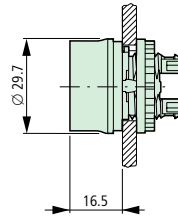
M22-D



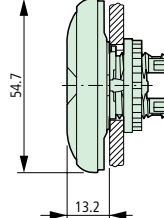
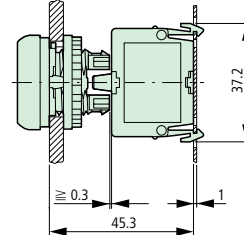
M22-DH



M22-DG

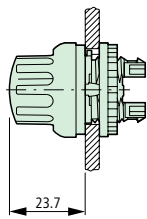
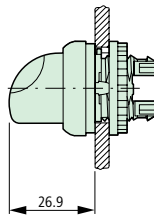


M22-DD

M22-D,  
base fixing

### Selector switch actuators

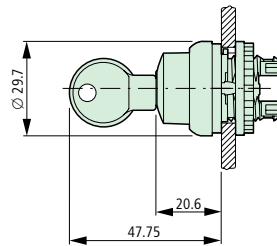
M22-W(R)...

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

### Key-operated actuators

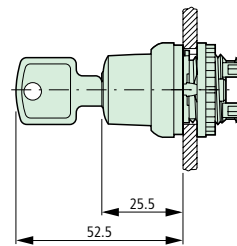
Individual lock mechanisms

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



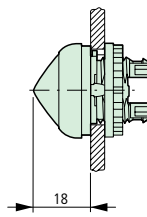
### Master key systems

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

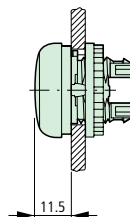


### Indicator lights

M22-LH

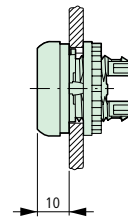


M22-L

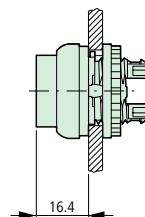


### Illuminated push-button actuators

M22-DL

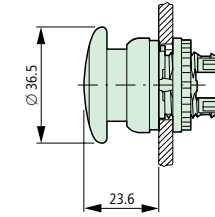


M22-DLH



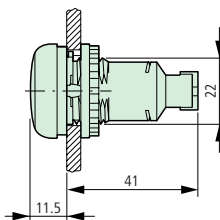
### Mushroom actuators

M22-DP

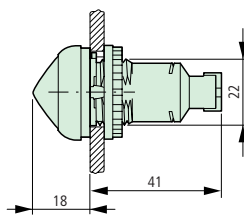


### Compact indicator lights

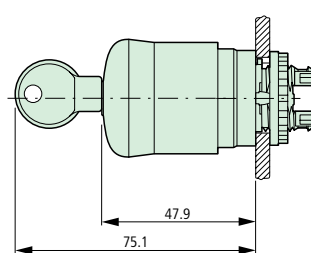
M22-LC-..., M22-AM



M22-LCH-...



### Emergency-Stop actuator

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

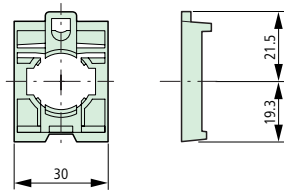
## RMQ Titan

### Dimensions

#### Front fixing (style: flush mounting)

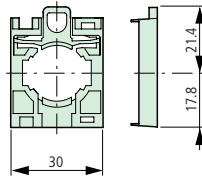
##### Fixing adapter

M22-A

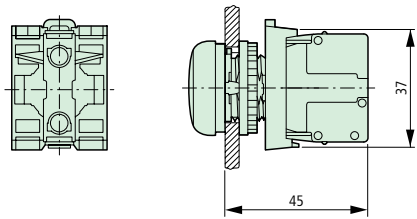


##### Centring adapter

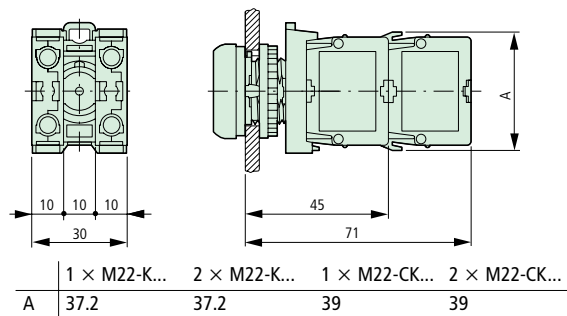
M22-ZA



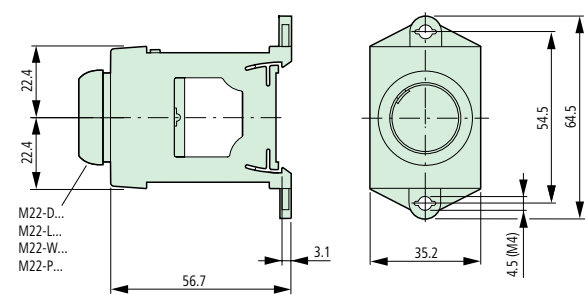
##### Indicator lights/illuminated push-buttons



#### Push-button with M22-(C)K...

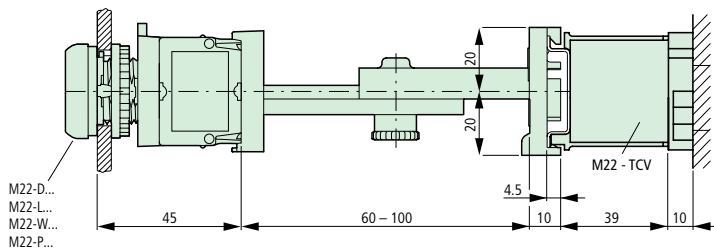


#### IVS top-hat rail adapter



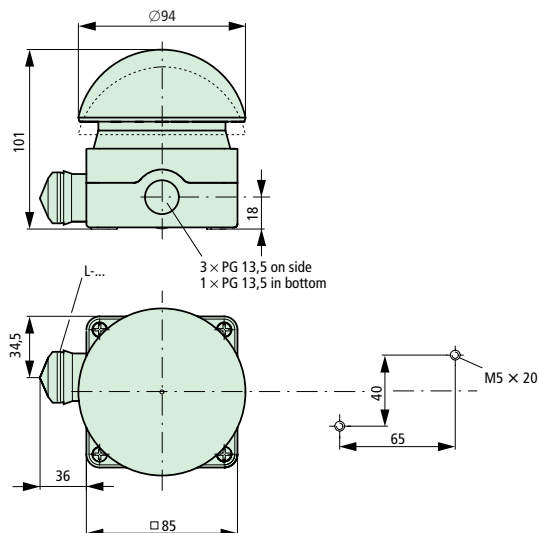
#### Button, illuminated push-button, indicator light

With telescopic clip



#### Foot and palm switches

FAK...





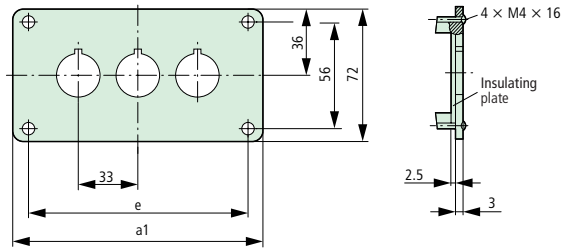
## RMQ Titan

### Dimensions

#### Front fixing (style: flush mounting)

##### Flush mounting panels

M22-E...

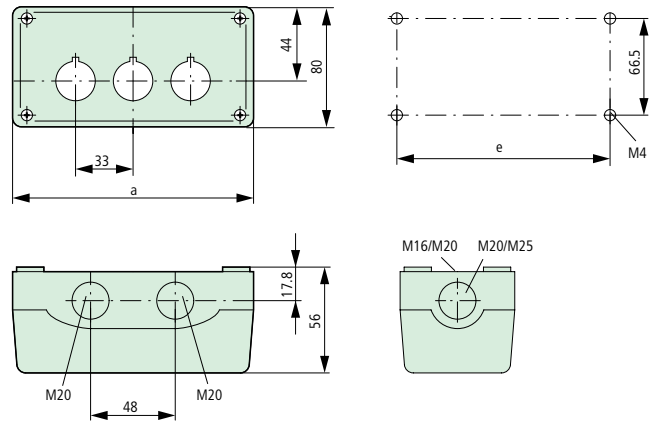


Type	a1	e
E (Y) 1	72	56
E 2	105	89
E 3	138	122
E 4	171	155
E 5	204	188
E 6	237	221

#### Base fixing (style: surface mounting)

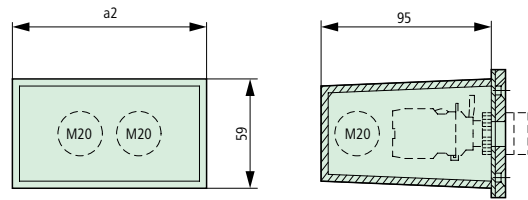
##### Surface mounting enclosures

M22-I...



#### Shrouds

M22-H...

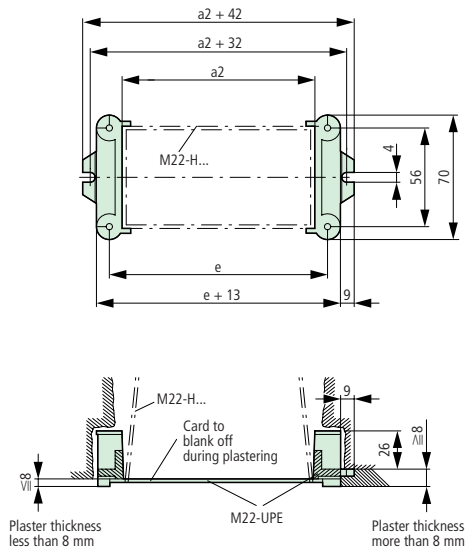


Type	a2	Cable entry	Style
H 1	42	3 x M20	One-part
H 2	75	4 x M20	
H 3	108	4 x M20	
H 4	141	4 x M20	Multi-part
H 5	174	5 x M20	
H 6	207	6 x M20	

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-I 2	2	120	106.5	2 x M16	3 x M20	2 x M25
M22-I 3	3	153	139.5	2 x M16	2 x M25	4 x M20
M22-I 4	4	186	172.5	2 x M16	2 x M25	4 x M20
M22-I 6	6	252	238.5	2 x M16	2 x M25	4 x M20

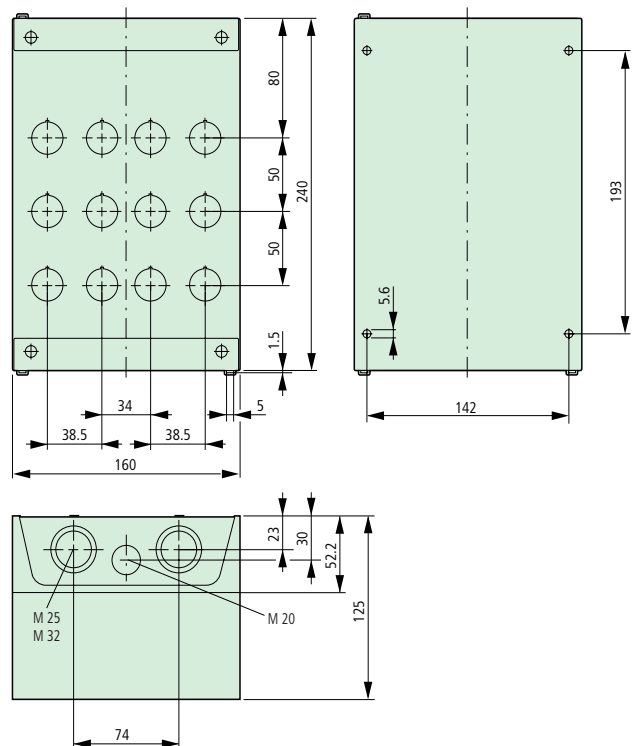
#### Shroud with plaster keys

M22-UPE



#### Surface mounting enclosures, 12 locations

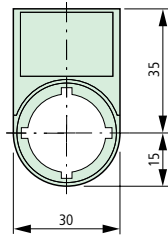
M22-I12



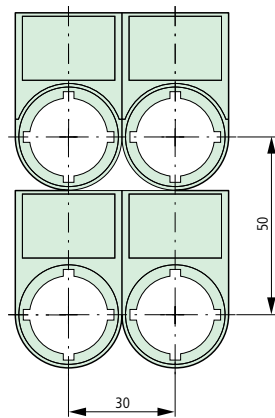
## RMQ Titan Dimensions

### Label mounts

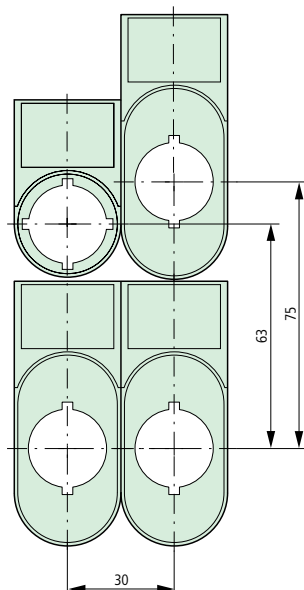
#### M22-ST



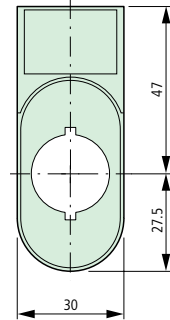
Grid dimensions to IEC/EN 60 947



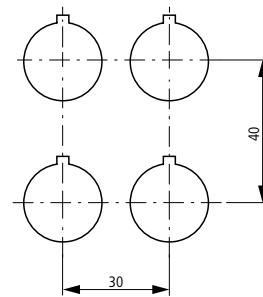
Grid dimensions for M22-DD...



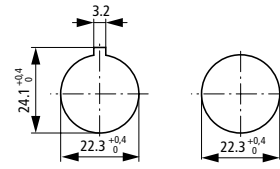
#### M22-STDD



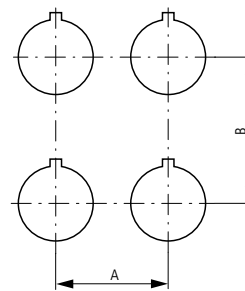
Minimum grid dimensions



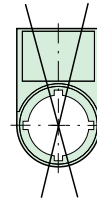
### Mounting holes with/without lug slot



Grid dimensions for various combinations

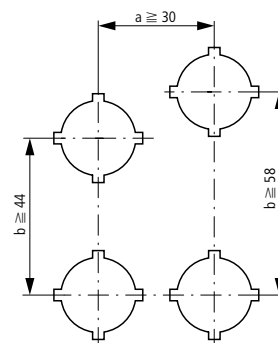


Do not use actuator diaphragms with label mounts, since the label mounts do not comply with IP67.

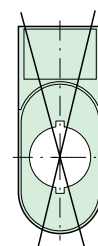


	A ≧	B ≧
IEC/EN 60 947	30	50
RMQ Titan min.	30	40
D + T-D	33	
DP	37	
D+DP	30	
PV	38	
PV+PL-PV	48	56
DD	30	55
DD+T-DD	33	58
DD+STDD	30	75

Grid dimensions for QDD double actuators plus MT-DD diaphragms



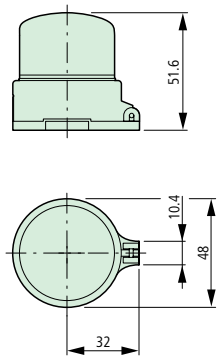
Do not use actuator diaphragms with label mounts, since the label mounts do not comply with IP67.



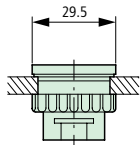
RMQ Titan  
Dimensions

Accessories

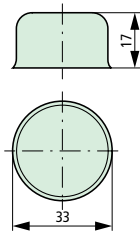
M22-PL-PV



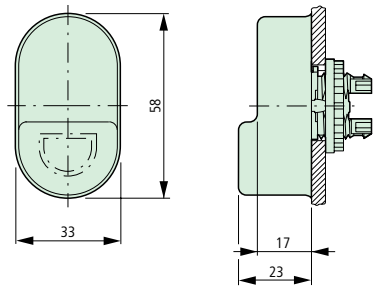
M22-B



M22-T-D

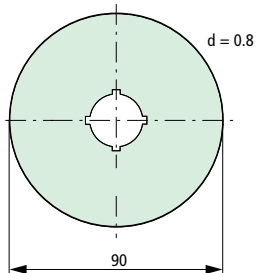


M22-T-DD

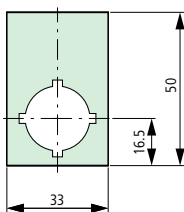


Emergency-Stop label

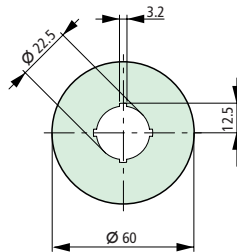
M22-XAK



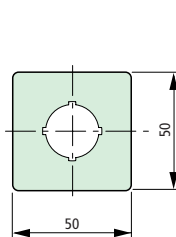
M22-XZK...



M22-XBK1



M22-XYK1

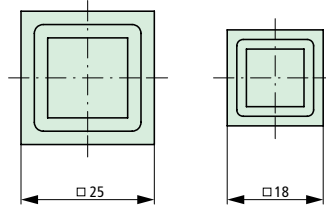
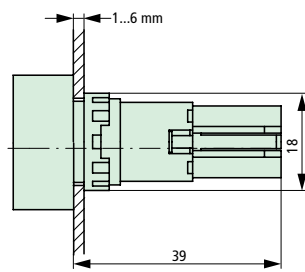


## RMQ16

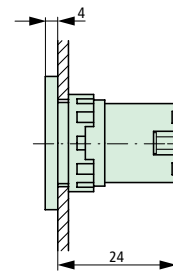
### Dimensions

#### Actuators and indicators

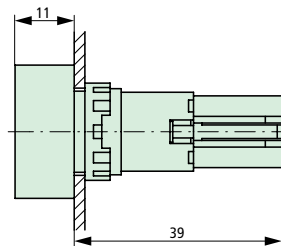
Square style



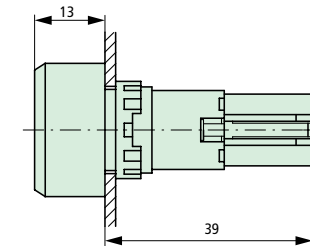
Q...BS



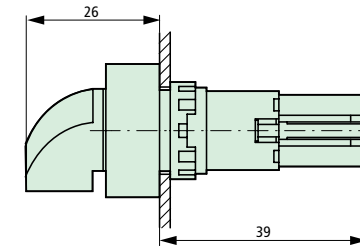
Q...D-...  
Q...DR-...



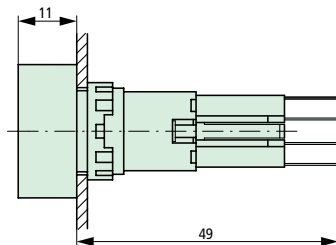
Q...S...



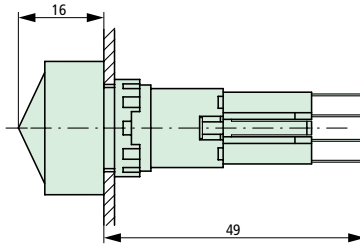
Q...WK...



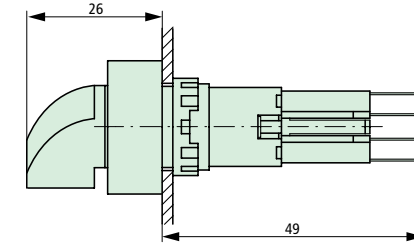
Q...LT-...  
Q...LTR-...  
Q...LF-...



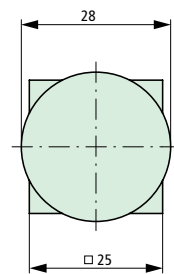
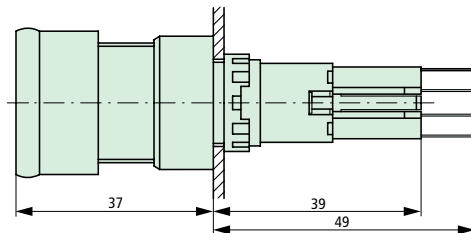
Q...LH-...



Q...LWK-...

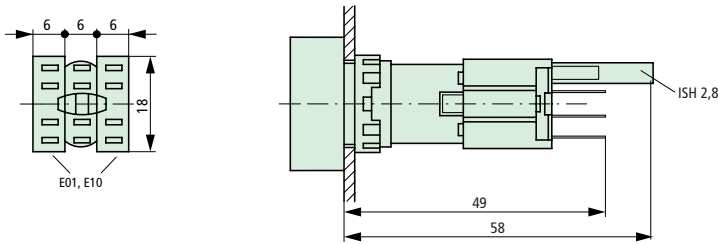


Q25PV  
Q25LPV

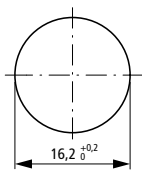


RMQ16  
Dimensions

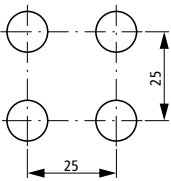
Front fixing



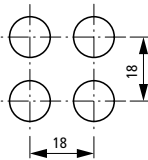
Drilling dimension



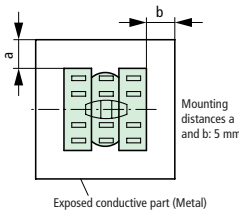
Grid dimensions to  
IEC/EN 60 947  
Q25...



Minimum grid dimensions  
Q18...

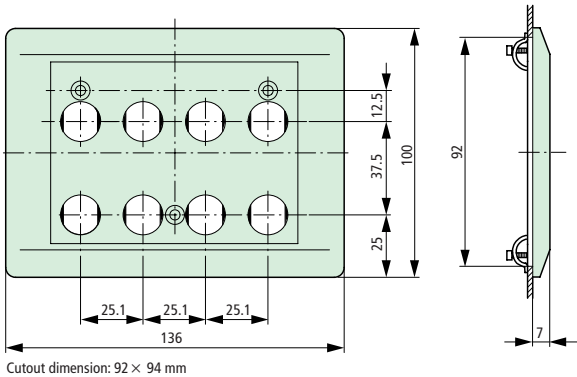


Mounting distances



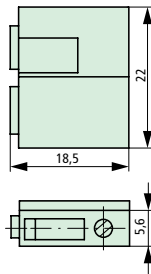
Flush mounting panels

E8/E8-SW



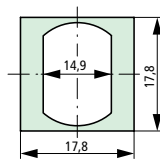
Screw adapter

SRA...



Anti-rotation feature

VS

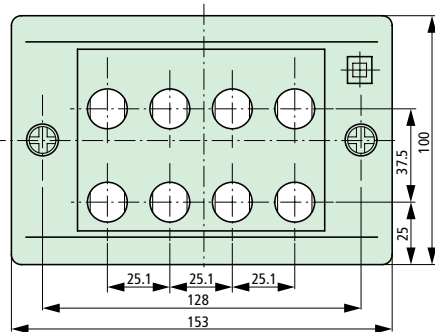
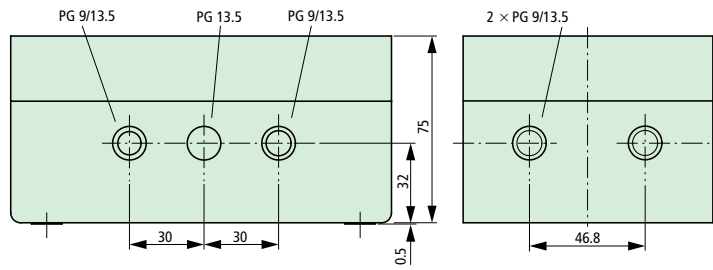
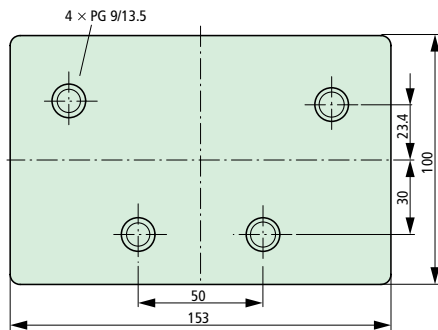


## RMQ16

### Dimensions

Surface mounting enclosures

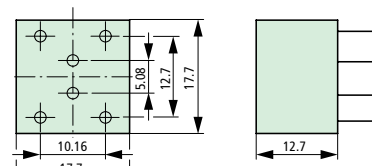
I8



Fixing holes:  $2 \times \varnothing 4.5 \text{ mm}$   
 Spacing dimension: 128 mm

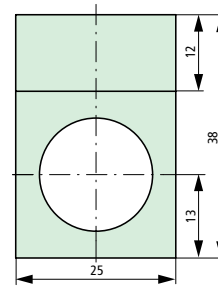
PCB adapter

PRA16

Cross-section of solder:  $0.6 \times 0.6 \text{ mm}$ 

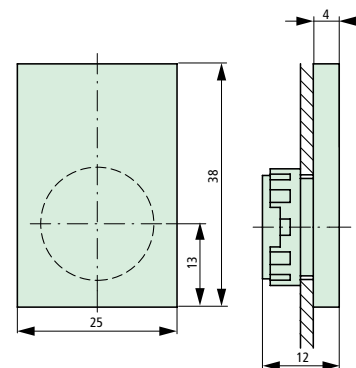
Label mount

Q25TS...



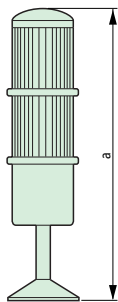
Blanking plate

Q25AS



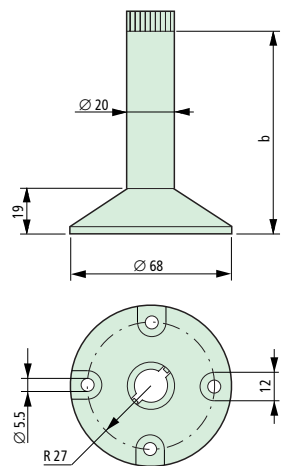
SL Signal Towers  
Dimensions

SL-100-...complete units



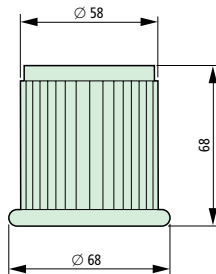
Number of modules	a
1	227
2	289
3	351
4	413
5	475

SL-F... stand  
With tube

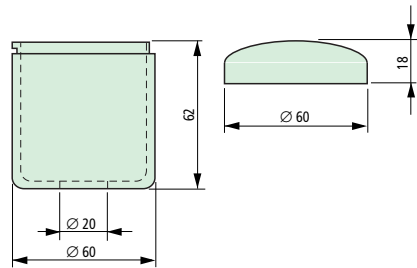


	b
SL-F100	85
SL-F250	235
SL-F400	402
SL-F800	802

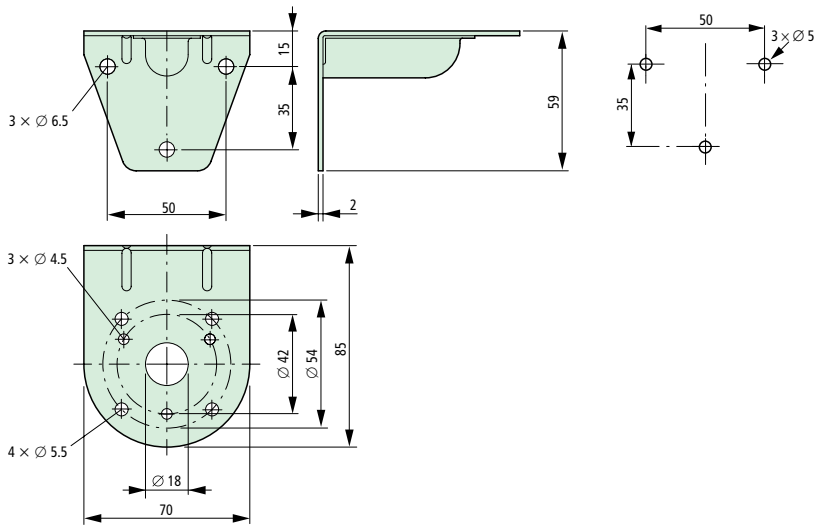
SL-L-..., SL-FL-...  
SL-BL-..., SL-A-... modules



SL-B basic module  
With top cover



SL-FW fixing bracket



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