

Push-button and indicator lights

RMQ16 Pilot Devices



EAT•N

The power of fusion.

Brand inception dates:



EAT•N

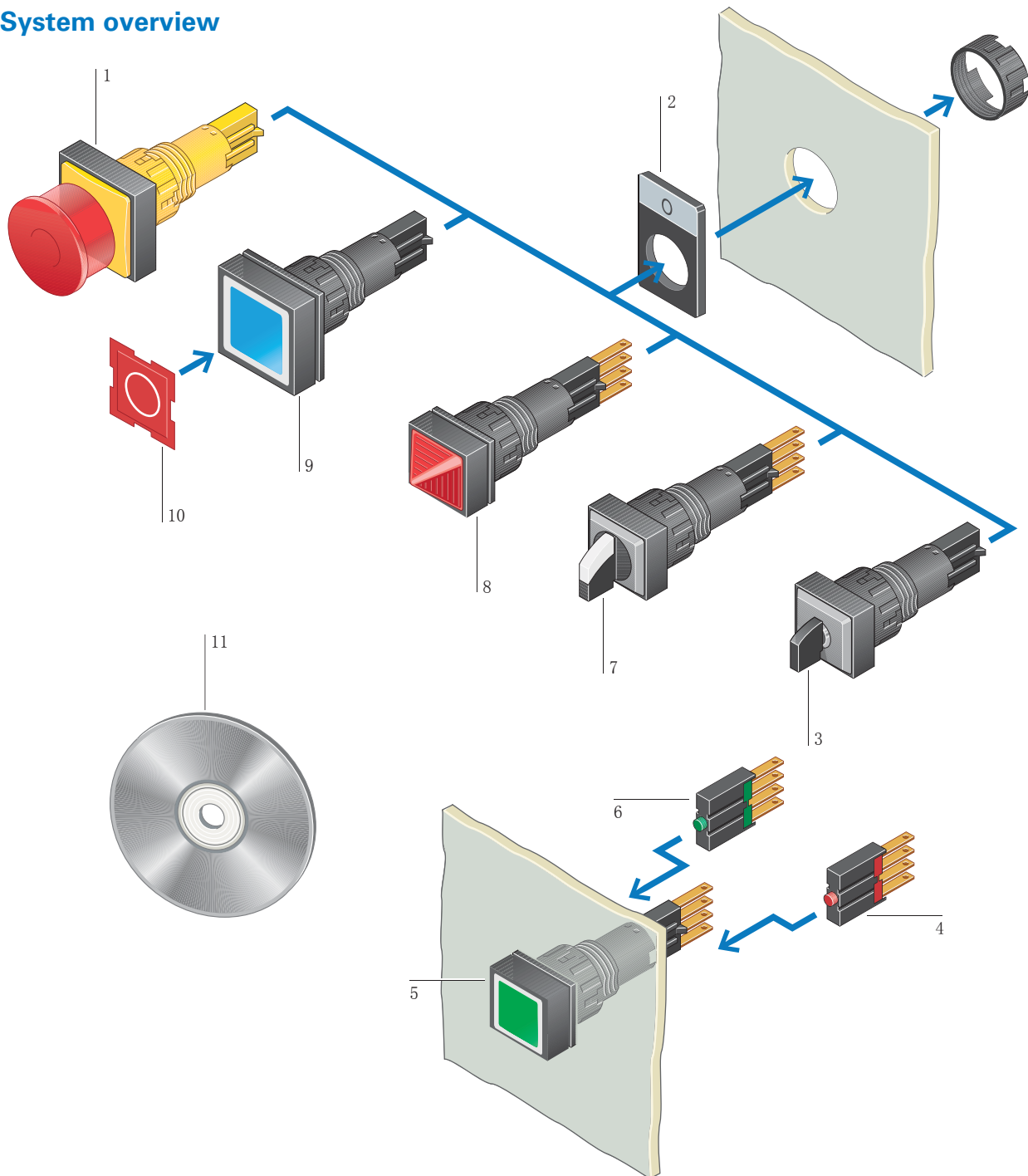
Powering Business Worldwide

There's a certain energy at Eaton. It's the power of uniting some of the world's most respected names to build a brand you can trust to meet your every power management need. The energy created supports our commitment to powering business worldwide.

From power distribution to power quality and control, Eaton allows you to proactively manage your complete power system by providing electrical solutions that make your applications more reliable, efficient and safe. Visit Eaton.com/electrical.

All of the above are trademarks of Eaton Corporation or its affiliates. Eaton has a license to use the Westinghouse name in Asia Pacific. ©2010 Eaton Corporation.

System overview



RMQ16 pilot devices

RMQ16

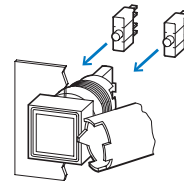
Emergency stop pushbuttons 1	Illuminated pushbutton actuators 5	Pushbutton actuators 9
Can also be used as emergency switching-off devices	Momentary and maintained	Momentary and maintained
Tamper-proof according to ISO 13850/EN 418	Replaceable insert labels	Replaceable button plates
Illuminated and non-illuminated	Colors: white, green, red, yellow, blue Custom laser labeling	Colors: white, green, red, yellow, blue, black
Additional labels, with and without inscription	→ Page 4	→ Page 3
European Machinery Safety Directive 2006/42/EC	Contact element N/O (green) 6	Button plates/insert labels 10
→ Page 9	With blade terminal	Wear-resistant button plates for pushbutton actuators
Label mounts 2	Universal contacts suitable for use with electronic devices	Transparent insert plates for illuminated pushbuttons and indicator lights
For insert labels	→ Page 3	With and without inscription
Color: light gray, black, yellow	Selector switch actuators 7	With standard texts and symbols or with custom laser labeling
Insert labels, with inscription and blank	2 and 3 positions	→ Page 10
→ Page 13	Switching angle 45°	Labeling with convenience 11
Key-operated buttons 3	Momentary and maintained	All button plates, indicator lights and additional button labels from the RMQ-Titan range can be laser inscribed with any inscription and symbol as required.
2 and 3 positions	Illuminated selector switch actuators with built-in lamp socket	Download: www.moeller.net/de/support , Keyword: "Labeleditor"
Switching angle 45°	Colors: white, green, red	
Momentary and maintained	→ Page 5	
Various lock mechanisms	Indicator lights 8	
→ Page 7	Flat and conical designs	
Contact element NC (red) 4	Built-in lamp socket	
With blade terminal	For filament bulbs and LEDs	
Universal contacts suitable for use with electronic devices	Colors: white, green, red, yellow, blue Custom laser labeling	
Positive opening safety function according to IEC/EN 60947-5-1	→ Page 8	
→ Page 3		

Product Features

- Front dimension and minimum grid dimensions
18 x 18 mm or 25 x 25 mm
- Mounting diameter 16.2 mm to EN 50007
- Protection type IP65
- For switching differing potentials
- Suitable for use with electronic devices to IEC/EN 61131-2
- Technical data to IEC/EN 60947-5-1
- Approved throughout the world

Q18D(R)...., Q25D(R), Pushbutton actuators, IP65

	Button plate	Color	Front dimensions 18 x 18 mm		Price See price list	Std. pack	Information relevant for export to North America  	
			Part no. Article no.	Part no. Article no.				
		Green	Q18D-11 086332	Q25D-11 090471		10 off  	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
		Red	Q18D-10 086299	Q25D-10 090421			UL File No.	E29184
		White	Q18D-20 054041	Q25D-20 054038			UL CCN	KCR
		Black	Q18D-19 054040	Q25D-19 054039			CSA File No.	46552
		Black	Q18D-SW 086788	Q25D-SW 087230			CSA Class No.	3211-03
		White	Q18D-WS 086752	Q25D-WS 086808			NA Certification	UL Listed, CSA certified
		Green	Q18D-GN 086450	Q25D-GN 086409			Degree of Protection	UL/CSA Type 1
		Red	Q18D-RT 086713	Q25D-RT 086444				
		Yellow	Q18D-GE 086417	Q25D-GE 086343				
		Blue	Q18D-BL 086384	Q25D-BL 086328				
	—	None	Q18D-X 093623	Q25D-X 093624				
		Black	Q18DR-SW 086269	Q25DR-SW 088739				
		White	Q18DR-WS 086243	Q25DR-WS 088701				
		Green	Q18DR-GN 086176	Q25DR-GN 088531				
		Red	Q18DR-RT 086209	Q25DR-RT 088627				
		Yellow	Q18DR-GE 090482	Q25DR-GE 088404				
		Blue	Q18DR-BL 090241	Q25DR-BL 088110				
	—	None	Q18DR-X 093625	Q25DR-X 093626				



Accessories	Page
Assembly aids and accessories	→ 15
Contact elements	
N/O	→ 3
NC	→ 3

Contact elements (Admissible operating voltage: 5 – 250 V)

→ = Safety function by positive opening according to IEC/EN 60947-5-1		Circuit symbol	Contact sequence	Color	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America  
N/O = normally open contact	NC = normally closed contact							
1 N/O	—				E10 090351		50 off  	Product Standards
—	1 NC 				E01 090401		50 off  	IEC/EN 60947-5; 508; CSA-C22.2 No. 14-05; CE marking
								E29184
								NKCR
								46552
								3211-03
								UL Listed, CSA certified

Notes

 x = Sequence number on front element
y = Function number on contact element

RMQ16 pilot devices

Illuminated pushbutton actuators

Q18LT(R)...., Q25LT(R), Illuminated pushbutton actuators, IP65



Front dimensions
18 x 18 mm

Front dimensions
25 x 25 mm

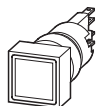
Price
See
price
list

Std. pack

Information relevant for export to North America



Momentary
Without filament
bulb



Color		Part no. Article no.	Part no. Article no.
White	—	Q18LT-WS 089202	Q25LT-WS 086262
Green	—	Q18LT-GN 089067	Q25LT-GN 086206
Red	—	Q18LT-RT 089776	Q25LT-RT 086238
Yellow	—	Q18LT-GE 088808	Q25LT-GE 086173
Blue	—	Q18LT-BL 088764	Q25LT-BL 090479

10 off

Product Standards IEC/EN 60947-5; UL 508;
CSA-C22.2 No. 14-05;
E29184
UL File No. NKCR
UL CCN 46552
CSA File No. 3211-03
CSA Class No. UL Listed, CSA certified
NA Certification UL/CSA Type 1
Degree of Protection

With filament bulb,
24 V

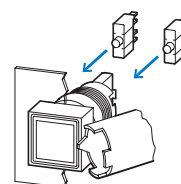
White	—	Q18LT-WS/WB 088561	Q25LT-WS/WB 090226
Green	—	Q18LT-GN/WB 088509	Q25LT-GN/WB 089190
Red	—	Q18LT-RT/WB 088537	Q25LT-RT/WB 089998
Yellow	—	Q18LT-GE/WB 088449	Q25LT-GE/WB 089137
Blue	—	Q18LT-BL/WB 088338	Q25LT-BL/WB 089102

Maintained
Without filament
bulb

White	—	Q18LTR-WS 088123	Q25LTR-WS 087232
Green	—	Q18LTR-GN 087831	Q25LTR-GN 086812
Red	—	Q18LTR-RT 087918	Q25LTR-RT 086840
Yellow	—	Q18LTR-GE 087764	Q25LTR-GE 086784
Blue	—	Q18LTR-BL 086813	Q25LTR-BL 086739

With filament bulb,
24 V

White	—	Q18LTR-WS/WB 086708	Q25LTR-WS/WB 086447
Green	—	Q18LTR-GN/WB 086413	Q25LTR-GN/WB 086380
Red	—	Q18LTR-RT/WB 086448	Q25LTR-RT/WB 086412
Yellow	—	Q18LTR-GE/WB 086382	Q25LTR-GE/WB 086346
Blue	—	Q18LTR-BL/WB 086348	Q25LTR-BL/WB 086330



Accessories

Assembly aids and
accessories
Contact elements
N/O
NC

Page

→ 15
→ 3
→ 3

Contact elements(Admissible operating voltage: 5 – 250 V)

Contact configuration:
→ = Safety function via positive
opening to IEC/EN 60947-5-1

N/O = normally
open contact NC = normally
closed contact

Circuit
symbol

Contact
sequence

Color

Part no.
Article no.

Price
See
price
list

Std. pack

Information relevant for export to
North America



1 N/O	—				E10 090351	50 off 	Product Standards IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking E29184
—	1 NC			3.7 mm	E01 090401	50 off 	UL File No. NKCR UL CCN 46552 CSA File No. 3211-03 CSA Class No. UL Listed, CSA certified NA Certification

Notes

x = Sequence number on front element
y = Function number on contact element

Q18WK..., Q25WK...



Function :
 ▷ = Momentary
 ▽ = Maintained

Color

Front dimensions
 18 x 18 mm
Part no.
 Article no.

Front dimensions
 25 x 25 mm
Part no.
 Article no.

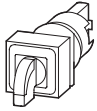
Price
 See
 price
 list

Std. pack

Information relevant for export to North America



Two positions



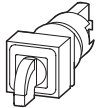
Selector switch actuators, IP65

With VS anti-rotation feature

▷ 45°	○	Q18WK1 036515	Q25WK1 036599	5 off	
▽ 45°	○	Q18WK1R 036598	Q25WK1R 036600	5 off	
45°↘ 45°	○	Q18WK3 072308	Q25WK3 072372	5 off	
45°↘ 45°	○	Q18WK3R 072309	Q25WK3R 072373	5 off	
45°↘ 45°	○	Q18WK3R1 072310	Q25WK3R1 072374	5 off	
45°↘ 45°	○	Q18WK3R2 072311	Q25WK3R2 072375	5 off	

Product Standards IEC/EN 60947-5; UL 508;
 CSA-C22.2 No. 14-05;
 CE marking
 E29184
 UL File No. NKCR
 UL CCN 46552
 CSA File No. 3211-03
 CSA Class No. UL Listed, CSA certified
 NA Certification Degree of Protection UL/CSA Type 1

Three positions

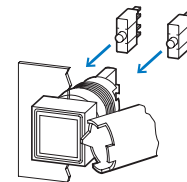


Illuminated selector switch actuators, IP65

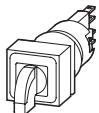
With VS anti-rotation feature

▷ 45°	○	Q18LWK1-WS 040349	Q25LWK1-WS 040658	5 off	
▷ 45°	●	Q18LWK1-RT 039337	Q25LWK1-RT 040657	5 off	
▷ 45°	●	Q18LWK1-GN 039336	Q25LWK1-GN 040656	5 off	
▽ 45°	○	Q18LWK1R-WS 040376	Q25LWK1R-WS 040661	5 off	
▽ 45°	●	Q18LWK1R-RT 040351	Q25LWK1R-RT 040660	5 off	
▽ 45°	●	Q18LWK1R-GN 040350	Q25LWK1R-GN 040659	5 off	
▷ 45°	○	Q18LWK1-WS/WB 038978	Q25LWK1-WS/WB 040379	5 off	
▷ 45°	●	Q18LWK1-RT/WB 038930	Q25LWK1-RT/WB 040378	5 off	
▷ 45°	●	Q18LWK1-GN/WB 038883	Q25LWK1-GN/WB 040377	5 off	
▽ 45°	○	Q18LWK1R-WS/WB 039335	Q25LWK1R-WS/WB 040476	5 off	
▽ 45°	●	Q18LWK1R-RT/WB 039248	Q25LWK1R-RT/WB 040381	5 off	
▽ 45°	●	Q18LWK1R-GN/WB 039247	Q25LWK1R-GN/WB 040380	5 off	

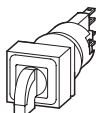
Product Standards IEC/EN 60947-5; UL 508;
 CSA-C22.2 No. 14-05;
 CE marking
 E29184
 UL File No. NKCR
 UL CCN 46552
 CSA File No. 3211-03
 CSA Class No. UL Listed, CSA certified
 NA Certification Degree of Protection UL/CSA Type 1



Without filament bulb Two positions



With filament bulb Two positions



Accessories	Page
Assembly aids and accessories	→ 15
Contact elements	
N/O	→ 3
NC	→ 3

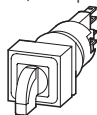
RMQ16 pilot devices

Illuminated selector switch actuator

Q18LWK..., Q25LWK...

Function :	Color	Front dimensions 18 x 18 mm	Front dimensions 25 x 25 mm	Price	Std. pack	Information relevant for export to North America
↗ = Momentary		Part no.	Part no.	See		
↘ = Maintained		Article no.	Article no.	price list		

Without filament
bulb, Three positions

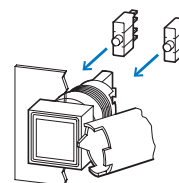
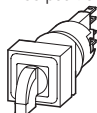


Illuminated selector switch actuators, IP65

With VS anti-rotation feature

45° ↗ ↘ 45°	○	Q18LWK3-WS 072322	Q25LWK3-WS 072358	5 off 🇺🇸 🇨🇦	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking E29184 NKCR 46552 3211-03 UL Listed, CSA certified UL/CSA Type 1
45° ↗ ↘ 45°	●	Q18LWK3-RT 072323	Q25LWK3-RT 072359		UL File No.	
45° ↗ ↘ 45°	●	Q18LWK3-GN 072324	Q25LWK3-GN 072360		UL CCN	
45° ↗ ↘ 45°	○	Q18LWK3R-WS 072325	Q25LWK3R-WS 072361		CSA File No.	
45° ↗ ↘ 45°	●	Q18LWK3R-RT 072326	Q25LWK3R-RT 072362		CSA Class No.	
45° ↗ ↘ 45°	●	Q18LWK3R-GN 072327	Q25LWK3R-GN 072363		NA Certification	
45° ↗ ↘ 45°	○	Q18LWK3R1-WS 072328	Q25LWK3R1-WS 072364		Degree of Protection	
45° ↗ ↘ 45°	●	Q18LWK3R1-RT 072329	Q25LWK3R1-RT 072365			
45° ↗ ↘ 45°	●	Q18LWK3R1-GN 072330	Q25LWK3R1-GN 072366			
45° ↗ ↘ 45°	○	Q18LWK3R2-WS 072331	Q25LWK3R2-WS 072367			
45° ↗ ↘ 45°	●	Q18LWK3R2-RT 072332	Q25LWK3R2-RT 072368			
45° ↗ ↘ 45°	●	Q18LWK3R2-GN 072333	Q25LWK3R2-GN 072369			
45° ↗ ↘ 45°	○	Q18LWK3-WS/WB 072334	Q25LWK3-WS/WB 072346			
45° ↗ ↘ 45°	●	Q18LWK3-RT/WB 072335	Q25LWK3-RT/WB 072347			
45° ↗ ↘ 45°	●	Q18LWK3-GN/WB 072336	Q25LWK3-GN/WB 072348			
45° ↗ ↘ 45°	○		Q25LWK3R-WS/WB 072349			
45° ↗ ↘ 45°	●	Q18LWK3R-RT/WB 072338	Q25LWK3R-RT/WB 072350			
45° ↗ ↘ 45°	●		Q25LWK3R-GN/WB 072351			
45° ↗ ↘ 45°	○	Q18LWK3R1-WS/WB 072340	Q25LWK3R1-WS/WB 072352			
45° ↗ ↘ 45°	●		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			

With filament bulb
Three positions

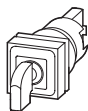


Accessories	Page
Assembly aids and accessories	→ 15
Contact elements	
N/O	→ 3
NC	→ 3

Q18S..., Q25S...

Function:	Key withdrawable in position	Color	Front dimensions 18 x 18 mm Part no. Article no.	Front dimensions 25 x 25 mm Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
▷ = Momentary							
└ = Maintained							

Two positions



IP65, key-operated button actuators

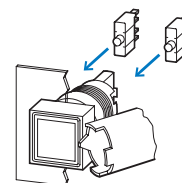
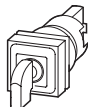
With 1 key and VS anti-rotation feature

▷ 45°	—	0	—		Q18S1 038806	Q25S1 038773
└ 45°	I	0	—		Q18S1R 038805	Q25S1R 038772
└ 45°	—	0	—		Q18S1R-A1 072312	Q25S1R-A1 072376
▷ 45°	—	0	—		Q18S1-GN 062148	Q25S1-GN 062150
└ 45°	I	0	—		Q18S1R-GN 062151	Q25S1R-GN 062108
▷ 45°	—	0	—		Q18S1-RT 046841	Q25S1-RT 046843
└ 45°	I	0	—		Q18S1R-RT 046837	Q25S1R-RT 046839
▷ 45°	—	0	—		Q18S1-WS 046849	Q25S1-WS 046851
└ 45°	I	0	—		Q18S1R-WS 046845	Q25S1R-WS 046847
▷ 45°	—	0	—		Q18S1-BL 045959	Q25S1-BL 046835
└ 45°	I	0	—		Q18S1R-BL 062814	Q25S1R-BL 045502
45°↙ 45°	—	0	—		Q18S3 072313	Q25S3 072377
45°↘ 45°	I	0	II		Q18S3R 072314	Q25S3R 072378
45°↙ 45°	—	0	—		Q18S3R-A1 072315	Q25S3R-A1 072379
45°↘ 45°	I	0	—		Q18S3R-A2 072316	Q25S3R-A2 072380
45°↙ 45°	—	0	II		Q18S3R-A3 072317	Q25S3R-A3 072381
45°↘ 45°	I	0	—		Q18S3R-A4 072318	Q25S3R-A4 072382
45°↙ 45°	—	0	—		Q18S3R-A5 072319	Q25S3R-A5 072383
45°↘ 45°	—	0	II		Q18S3R-A6 072320	Q25S3R-A6 072384
45°↙ 45°	—	0	—		Q18S3R-A7 072321	Q25S3R-A7 072385
45°↙ 45°	—	0	—		Q18S3-GN 062149	Q25S3-GN 062153
45°↘ 45°	I	0	II		Q18S3R-GN 062152	Q25S3R-GN 062147
45°↙ 45°	—	0	—		Q18S3-RT 046842	Q25S3-RT 046844
45°↘ 45°	I	0	II		Q18S3R-RT 046838	Q25S3R-RT 046840
45°↙ 45°	—	0	—		Q18S3-WS 046850	Q25S3-WS 046852
45°↘ 45°	I	0	II		Q18S3R-WS 046846	Q25S3R-WS 046848
45°↙ 45°	—	0	—		Q18S3-BL 046368	Q25S3-BL 046836
45°↘ 45°	I	0	II		Q18S3R-BL 064430	Q25S3R-BL 045646

5 off

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	46552
CSA Class No.	3211-03
NA Certification	UL Listed, CSA certified
Degree of Protection	UL/CSA Part no. 1

Three positions



Accessories	Page
Assembly aids and accessories	→ 15
Contact elements	
N/O	→ 3
NC	→ 3

Notes For each color there is a corresponding key.
→ Page 2/97

RMQ16 pilot devices

Indicator lights

Q18LF..., Q25LF..., Q18LH..., Q25LH...(Indicator lights, IP65)



Front dimensions
18 x 18 mm

Front dimensions
25 x 25 mm

Color

Part no.
Article no.

Part no.
Article no.

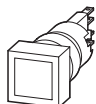
Price
See
price
list

Std. pack

Information relevant for export to North America



Flat
Without filament bulb

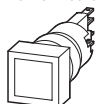


	Q18LF-WS 088406	Q25LF-WS 090228	10 off 	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
	Q18LF-GN 088337	Q25LF-GN 090000		UL File No.	E29184
	Q18LF-RT 088387	Q25LF-RT 090198		UL CCN	NKCR
	Q18LF-GE 088303	Q25LF-GE 089252		CSA File No.	46552
	Q18LF-BL 088270	Q25LF-BL 089229		CSA Class No.	3211-03
				NA Certification	UL Listed, CSA certified
				Degree of Protection	UL/CSA Type 1

Flat
Without lens

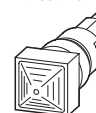
—	Q18LX 051739	Q25LX 051740	10 off 	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
				UL File No.	E29184
				UL CCN	NKCR
				CSA File No.	46552
				CSA Class No.	3211-03
				NA Certification	UL Listed, CSA certified

Flat, with
filament bulb, 24 V



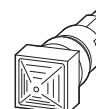
	Q18LF-WS/WB 088059	Q25LF-WS/WB 089151	10 off 	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
	Q18LF-GN/WB 087947	Q25LF-GN/WB 088828		UL File No.	E29184
	Q18LF-RT/WB 088001	Q25LF-RT/WB 089104		UL CCN	NKCR
	Q18LF-GE/WB 087915	Q25LF-GE/WB 088798		CSA File No.	46552
	Q18LF-BL/WB 087860	Q25LF-BL/WB 088761		CSA Class No.	3211-03
				NA Certification	UL Listed, CSA certified
				Degree of Protection	UL/CSA Type 1

Conical
Without filament bulb



	Q18LH-WS 088705	Q25LH-WS 086263	10 off 	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
	Q18LH-GN 088629	Q25LH-GN 086207		UL File No.	E29184
	Q18LH-RT 088655	Q25LH-RT 086241		UL CCN	NKCR
	Q18LH-GE 088585	Q25LH-GE 090481		CSA File No.	46552
	Q18LH-BL 088560	Q25LH-BL 090428		CSA Class No.	3211-03
				NA Certification	UL Listed, CSA certified
				Degree of Protection	UL/CSA Type 1

Conical, with
filament bulb, 24 V



	Q18LH-WS/WB 088535	Q25LH-WS/WB 090405	10 off 	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
	Q18LH-GN/WB 088483	Q25LH-GN/WB 090312		UL File No.	E29184
	Q18LH-RT/WB 088507	Q25LH-RT/WB 090354		UL CCN	NKCR
	Q18LH-GE/WB 088448	Q25LH-GE/WB 090285		CSA File No.	46552
	Q18LH-BL/WB 088424	Q25LH-BL/WB 090240		CSA Class No.	3211-03
				NA Certification	UL Listed, CSA certified
				Degree of Protection	UL/CSA Type 1

Q25(L)PV...



Front dimensions
25 x 25 mm

Price
See
price
list

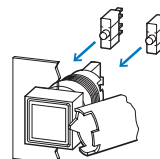
Std. pack

Information relevant for export to North America



Emergency stop pushbuttons

Overload-protected to ISO 13850, EN 418
Pushbutton remains in pushed position; pull to release
Can also be used as emergency switching off pushbutton actuator



Accessories

Assembly aids and accessories

Contact elements

N/O

NC

Page

→ 15

→ 3

→ 3

Non-illuminated



IP65

Q25PV

072370

5 off



Illuminated

With built-in multiple LED, 24 V DC, $I_b = 15$ mA

Positive pole at X1

No bulb replacement required.



IP65

Q25LPV

072371

2 off



Emergency stop pushbuttons

Overload-protected to ISO 13850, EN 418
Pushbutton remains in pushed position; pull to release

Product Standards

IEC/EN 60947-5; UL 508;

CSA-C22.2 No. 14-05;

CE marking

E29184

NKCR

46552

3211-03

UL Listed, CSA certified

UL/CSA Type 1

Non-illuminated



IP65

Q25PV-S

257063

5 off



Illuminated

With built-in multiple LED, 24 V DC, $I_b = 15$ mA

Positive pole at X1

No bulb replacement required.



IP65

Q25LPV-S

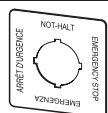
257064

5 off



Emergency stop labels

Yellow,
black
lettering



Square
50 x 50 mm
de, en, fr, it

IP65

SQT11

121375

5 off



UL/CSA certification not required



Round
ø 60 mm
de, en, fr, it

IP65

SRT11

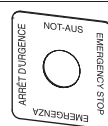
121374

5 off



Emergency-stop labels

Yellow,
black
lettering



Square
50 x 50 mm
de, en, fr, it

IP65

SQT1

058874

5 off



UL/CSA certification not required



Round
ø 60 mm
de, en, fr, it

IP65

SRT1

058873

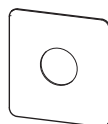
5 off



Emergency-stop labels

Blank, yellow

Not suitable
for engraving



Square
50 x 50 mm

IP65

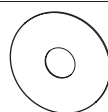
SQ-GE

063263

5 off



UL/CSA certification not required



Round
ø 60 mm

IP65

SR-GE

063264

5 off



RMQ16 pilot devices

Marking plates

...TQ18, ...TQ25, ...LQ18, ...LQ25

Button plates for pushbutton actuators

18 x 18 mm

25 x 25 mm

Inscription	Symbol	Part no. Article no.	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
Marking plates						
–		01TQ18 086816	01TQ25 091121		20 off  	UL/CSA certification not required
–		02TQ18 086859	02TQ25 091149			
–		03TQ18 087766	03TQ25 091184			
–		04TQ18 087834	04TQ25 091442			
–		05TQ18 087867	05TQ25 091471			
–		06TQ18 087920	06TQ25 091506			
With customized inscription via Labeleditor → Notes		XQ18D-*.*) 285286	XQ25D-*.*) 285287		1 off  	
OFF		10TQ18 087951	10TQ25 091536		20 off  	
STOP or OFF		19TQ18 054510	19TQ25 054508			
ON		11TQ18 088007	11TQ25 091562			
START or ON		20TQ18 054509	20TQ25 054507			
START or ON		21TQ18 088061	21TQ25 091586			
Direction of movement		32TQ18 088125	32TQ25 091618			
Direction of movement		36TQ18 088275	36TQ25 092592			
Electr. voltage		34TQ18 095386	34TQ25 092563			
Increase		37TQ18 088315	37TQ25 092608			
Decrease		38TQ18 088340	38TQ25 092645			
Manual actuation		40TQ18 088389	40TQ25 092709			
Automatic		41TQ18 088412	41TQ25 092774			
ON–OFF, momentary		43TQ18 088426	43TQ25 092791			
Unlock		52TQ18 088452	52TQ25 092825			
Lock		53TQ18 088487	53TQ25 092874			
Loosen		54TQ18 088512	54TQ25 093013			
Clamp		55TQ18 088545	55TQ25 093032			
Liquid START			921TQ25 047426			
Liquid STOP		63TQ18 088566	63TQ25 093060			
Horn		66TQ18 088590	66TQ25 093092			
Spindle START			811TQ25 053898			
Spindle STOP			814TQ25 047425			
ON–OFF, maintained		899TQ18 089232	899TQ25 093063			

Notes

¹⁾ When ordering, complete part no. XQ18D-*.*) or XQ25D-*.*):

1st wildcard *  Color, e.g.: -R, -G, -B, -W, -Y, -S

2nd wildcard *  File name generated by Labeleditor → Engineering

Illuminated pushbutton actuator, Indicator light, laser inscription → Page 16

...TQ18, ...TQ25

		Button plates for pushbutton actuators		Price See price list	Std. pack	Information relevant for export to North America  
Inscription	Symbol	Part no. Article no.	Part no. Article no.			
Marking plates						
Direction of movement		911TQ18 089778	911TQ25 093100	 	20 off	UL/CSA certification not required
Direction of movement		912TQ18 090181	912TQ25 093135			
		80TQ18 088631	80TQ25 093134			
		81TQ18 088663	81TQ25 093158			
		82TQ18 088715	82TQ25 093178			
		83TQ18 088744	83TQ25 093197			
		84TQ18 088766	84TQ25 093224			
		85TQ18 088811	85TQ25 093241			
		86TQ18 089069	86TQ25 093257			
		87TQ18 089107	87TQ25 093288			
		88TQ18 089165	88TQ25 093305			
		89TQ18 089205	89TQ25 093329			
STOP			110TQ25 093363			
STOP			112TQ25 063748			
ARRET			310TQ25 091446			
START			111TQ25 093399			
START			122TQ25 063746			
MARCHE			311TQ25 091475			
AUS			117TQ25 093434			
AUS			113TQ25 063749			
OFF			217TQ25 090911			
ARRET			317TQ25 091508			
EIN			121TQ25 093461			
EIN			123TQ25 063747			
ON			221TQ25 090934			
MARCHE			321TQ25 091563			

Notes

Illuminated pushbutton actuators, Indicator lights, Laser inscription → Page 2/97



RMQ16 pilot devices

Marking plates

...TQ25

Button plates for pushbutton actuators
25 × 25 mm

Inscription	Symbol	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
Marking plates					
LINKS		134TQ25 093494		20 off  	UL/CSA certification not required
LEFT		234TQ25 090987			
GAUCHE		334TQ25 092567			
RECHTS		135TQ25 093527			
RIGHT		235TQ25 091009			
DROITE		335TQ25 092594			
ZU		153TQ25 090632			
CLOSE		253TQ25 091089			
FERME		353TQ25 092609			
AUF		172TQ25 090732			
UP		272TQ25 091124			
MONTEE		372TQ25 092711			
AB		173TQ25 090822			
DOWN		273TQ25 091152			
DESCENTE		373TQ25 092775			
RESET		287TQ25 091185			
VOR		190TQ25 090852			
ZURÜCK		191TQ25 090866			

Notes

Illuminated pushbutton actuators, Indicator lights, Laser inscription→Page 2/97



...SQ25, Q25T...

Inscription		Label mounts Q25T... with insert label Part no. Article no.	Price See price list	Insert labels for Q25T...-X label mount Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America  
Blank, black, can be engraved		Q25TS-01 046184		01SQ25 037986		20 off  	UL/CSA certification not required
Blank, aluminum-colored, can be engraved		Q25TS-02 046185		02SQ25 038074			
Blank, yellow, not for engraving		Q25TGE-05 063259		05SQ25 063201			
AUS		Q25TS-117 046194					
EIN		Q25TS-121 046196					
ON		Q25TS-221 046197					
STOP		Q25TS-110 046190		110SQ25 038507			
START		Q25TS-111 046192					
Störung		Q25TS-150 046198					
FAULT		Q25TS-250 046199					
DÉFAUT		Q25TS-386 072306		386SQ25 072302			
Betrieb		Q25TS-183 046201					
EN SERVICE		Q25TS-383 046204					
HAND 0 AUTO		Q25TS-197 072305					
MAN. 0 AUTO		Q25TS-397 072307					
NOT-AUS		Q25TGE-199 063260		199SQ25 063200			
EMERGENCY STOP		Q25TGE-299 063261		299SQ25 063199			
RUN				283SQ25 038767			
EN SERVICE				383SQ25 038771			
ARRET D'URGENCE				399SQ25 048638			
—		Q25TS-10 046186		10SQ25 038268			
—		Q25TS-11 046187					
—		Q25TS-32 046188					
—		Q25TS-90 046189		90SQ25 038271			
—		Q25TS-93 072304		93SQ25 072300			
With customized inscription through Labeleditor → Notes	—	XQ25TS-*-* 109773				1 off  	UL/CSA certification not required

Notes

When ordering, complete part no. XQ25TS-*-*:
 1st wildcard *  Color: AL = aluminum, B = black, Y = yellow
 2nd wildcard *  File extension

RMQ16 pilot devices

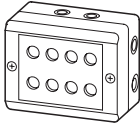
Enclosures

I8..., E8..., Q25A...

	Color	RAL value	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
						 

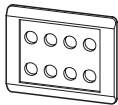
Surface mounting enclosures, IP65¹⁾

For conventional wiring or for mounting ILP1 printed circuit boards
 With plastic cover fixing screws
 Enclosure base: black (RAL 9005)
 8 mounting locations
 Knockout cable entries
 Bottom: 4 × M20
 Sides: 7 × M20

		RAL 7035	I8 046299	2 off  	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; E29184
					UL File No. UL CCN CSA File No. CSA Class No. NA Certification Degree of Protection	NKCR 46552 3211-03 UL Listed, CSA certified UL/CSA Type 1

Flush mounting plate, IP65¹⁾

For conventional wiring or for mounting ELP 1 printed circuit boards
 8 mounting locations

		RAL 7035	E8 054423	1 off  	Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; E29184
		RAL 9005	E8-SW 065212	1 off  	UL File No. UL CCN CSA File No. CSA Class No. NA Certification Degree of Protection	NKCR 46552 3211-03 UL Listed, CSA certified UL/CSA Type 1

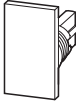
Customized complete unit

To order use form F0315
 → Data sheet in Online Catalog
 * = Freely selectable customer identification or stock no.;
 max. 10 characters.

–	–	Configurable	M16-COMBINATION-* 232189	1 off		
---	---	--------------	------------------------------------	-------	--	--

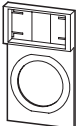
Blanking plates, IP65

For closing off of spare mounting locations in surface mounting
 enclosures or flush mounting panels in grid dimension 25 × 37.5 mm

		RAL 9005	Q25AS 036602	10 off  	UL/CSA certification not required	
		RAL 7035	Q25AGR 048641			
		RAL 1004	Q25AGE 048640			

Label mounts without insert label

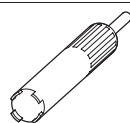
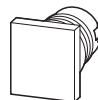
For additional marking of mounting locations in surface mounting
 enclosures or flush mounting panels in grid dimension 25 × 37.5 mm
 Suitable insert labels → 2/94

		RAL 9005	Q25TS-X 036601	20 off  	UL/CSA certification not required	
		RAL 7035	Q25TGR-X 063257			
		RAL 1004	Q25TGE-X 063258			

Notes

Unused mounting locations must be closed off with blanking plates.
 Each used mounting location must be fitted with a label mount.

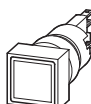
LEDWB..., WBLED..., WBGL...

	Model	Durability EN 60064 at $t_a = +25\text{ }^{\circ}\text{C}$ t_{average} (AC) h	Color	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America  
Filament lamp W 2 × 4.6 d							
	6 V/1.0 W	10000	—	WBGL6 090223	50 off  	UL/CSA certification not required	
	12 V/1.0 W	15000	—	WBGL12 089968	50 off  		
	24 - 28 V/1.0 W	7000	—	WBGL24 089247	100 off  		
Multiple LEDs W 2 × 4.6 d							
	For AC/DC 6 V/45 mA	60000		WBLED-GE6 055711	10 off  	UL/CSA certification not required	
				WBLED-GN6 055712			
				WBLED-RT6 055713			
	12 V/24 mA	60000		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 DC/7 - 12.5 mA	100000		LEDWB-Y 208724	10 off  	UL/CSA certification not required	
				LEDWB-G 208725			
				LEDWB-R 208726			
				LEDWB-W 208728			
				LEDWB-B 208727			
Combination box spanner							
For lock nut with bulb extractor							
	—	—	—	R16-MS 090297	10 off  	UL/CSA certification not required	
Insulated ferrule							
For fast-on connector 2.8 × 0.8 mm, connected from front $U_e > 50\text{ V AC}$, $U_e > 120\text{ V DC}$							
	—	—	—	ISH2,8 090267	100 off  	UL/CSA certification not required	
Flat pin bushing							
2.8 × 0.8 mm for conductor cross-section 0.5 - 1 mm ²							
	—	—	—	LT306.022.3 058863	100 off  	UL/CSA certification not required	
Blanking plugs, IP65							
For closing off of spare mounting locations							
	For grid dimension 18 × 18 mm	—		Q18BS 037985	10 off  	UL/CSA certification not required	
	For grid dimension 25 × 25 mm	—		Q25BS 036976	10 off  		
Anti-rotation feature							
Guard-ring as anti-rotation feature for all RMQ16 pushbutton							
	—	—	—	VS 046301	50 off  	UL/CSA certification not required	

RMQ16 pilot devices

Accessories

SRA..., ES16..., XQ18-..., XQ25-...

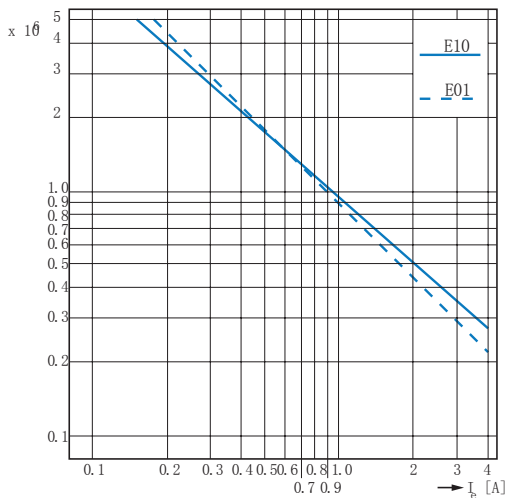
	For use with	Color	Part no. Article no.	Price See price list	Std. pack	Information relevant for export to North America
IP20, screw adapter						
Conductor cross-sections 1 × 1.5 mm ² ; 2 × 0.75 mm ²						
	For NC		SRA01 028101	20 off  	UL/CSA certification not required	
	For N/O		SRA10 028100			
	For lamp socket		SRAL 028099			
Individual keys						
Standard lock mechanism, black, each colour corresponds to a specific lock mechanism						
	—		ES16 065190	10 off  	UL/CSA certification not required	
	—		ES16-GN 030742			
	—		ES16-RT 030741	5 off  		
	—		ES16-WS 030743			
	—		ES16-BL 030744			
Transparent insert plates						
For better light diffusion						
—	For grid dimension 18 × 18 mm		01LQ18 090231	20 off  	UL/CSA certification not required	
—	For grid dimension 25 × 25 mm		01LQ25 093180			
Lenses for illuminated pushbutton actuators						
With customized inscription to order via Labeleditor → Notes						
	For grid dimension 18 × 18 mm	—	XQ18LT-*. * 285288	1 off  	UL/CSA certification not required	
	For grid dimension 25 × 25 mm	—	XQ25LT-*. * 285289			
Lenses for indicator lights, flush						
With customized inscription to order via Labeleditor → Notes						
—	For grid dimension 18 × 18 mm	—	XQ18LF-*. * 285310	1 off  	UL/CSA certification not required	
—	For grid dimension 25 × 25 mm	—	XQ25LF-*. * 285311			
Insert labels for label mounts						
For laser inscription with Labeleditor → Notes						
—	For Q25TS-...	—	XQ25TS-*. * 109773	1 off  		
Notes	When ordering, complete part no. XQ...-*. *: 1st wildcard *  Color, e.g.: -R, -G, -B, -W, -Y, -S 2nd wildcard *  file name generated by Labeleditor → Engineering					

Technical data

Unit			Contact elements	Illuminated pushbuttons (maintained)	Illuminated selector pushbuttons	Indicator lights	
General							
Standards			IEC/EN 60947, VDE 0660				
Lifespan, mechanical	Operations	x 10 ⁶	> 100	> 30	> 3	–	
Operating frequency	Operations/h		≦3600	≦1800	≦1800	–	
Actuating force		N	3	4	–	–	
Operating torque		Nm	–	–	≦0.2	–	
Protection type, IEC/EN 60529				IP65	IP65	IP65	
Climatic proofing			Damp heat, constant as per IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30				
Ambient temperature							
Open		°C	-25 - +60	-25 - +60	-25 - +60	-25 - +60	
Encapsulated		°C	-25 - +40	-25 - +40	-25 - +40	-25 - +40	
Mounting position			Any	Any	Any	Any	
Mechanical shock resistance to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal		g	> 40	> 40	> 40	> 40	
Terminal capacity		mm ²	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 46244				
Flat pin bushing			2.8 × 0.8 mm to DIN 46247 and IEC 60760				
Contacts							
Rated impulse withstand voltage	U _{imp}	V AC	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	
Rated operational voltage	U _e	V AC	250	24	24	24	
Control circuit reliability							
At 24 V DC/5 mA	H _F	Fault probability	< 10 ⁻⁷ (i.e. 1 failure to 10 ⁷ operations)				–
At 5 V DC/1 mA	H _F	Fault probability	< 5 × 10 ⁻⁶ (i.e. 1 failure to 5 × 10 ⁶ operations)				–
Use of ISH insulated ferrule 2.8			On >24 V AC/DC recommended On >50 V AC or 120 V DC mandatory, also on unoccupied blade terminals				
Max. short-circuit protective device							
Fuseless		Part no.	FAZ-B6/1	–	–	–	
Fuse	gG/gL	A	10	–	–	–	
Switching capacity							
Rated operation current							
AC-15							
24 V	I _e	A	4	–	–	–	
48 V	I _e	A	4	–	–	–	
110 V	I _e	A	4	–	–	–	
230 V	I _e	A	4	–	–	–	
DC-13							
24 V	I _e	A	3	–	–	–	
42 V	I _e	A	1	–	–	–	
60 V	I _e	A	0.8	–	–	–	
110 V	I _e	A	0.5	–	–	–	
220 V	I _e	A	0.2	–	–	–	

RMQ16 pilot devices
 RMQ16

			Unit	Pushbutton actuators (maintained)	Selector switch actuators	Key-operated pushbutton actuators	Emergency switching-off pushbutton actuators
General							
Standards				IEC/EN 60947, VDE 0660	IEC/EN 60947, VDE 0660	IEC/EN 60947, VDE 0660	IEC/EN 60947, VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 3		> 3	> 3	> 0.1
Operating frequency	Operations/h		≤1800		≤1800	≤1800	≤600
Actuating force		N	4		–	–	25
Operating torque		Nm	–		0.2	0.4	–
Protection type, IEC/EN 60529			IP65		IP65	IP65	IP65
Climatic proofing			Damp heat, constant as per IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30				
Ambient temperature							
Open		°C	-25 - +60		-25 - +60	-25 - +60	-25 - +60
Encapsulated		°C	-25 - +40		-25 - +40	-25 - +40	-25 - +40
Mounting position			Any		Any	Any	Any
Mechanical shock resistance to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal		g	> 40		> 40	> 40	> 40
Terminal capacity			mm ²	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 46244				
Flat pin bushing			2.8 × 0.8 mm to DIN 46247 and IEC 60760				

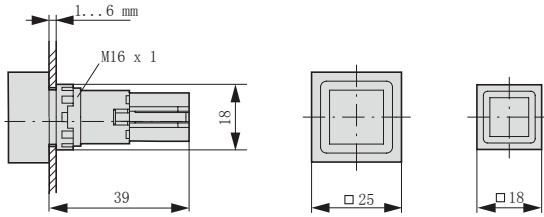


Durability, electrical AC-15 to IEC/EN 60947-5-1 at 230 V
 I_e = rated operational current

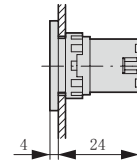
Q18, Q25 Dimensions

Actuating and indicator elements

Square style

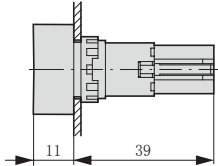


Q...BS

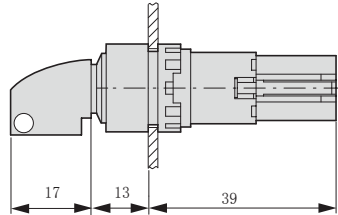


Q...D...

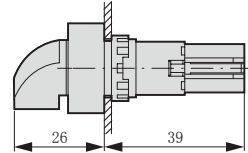
Q...DR...



Q...S...



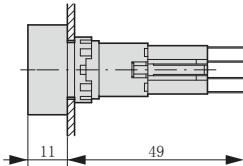
Q...WK...



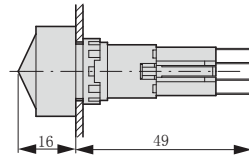
Q...LT...

Q...LTR...

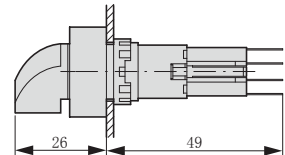
Q...LF...



Q...LH...

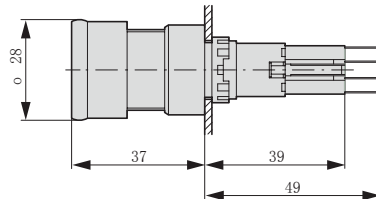
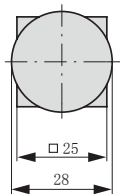


Q...LWK...



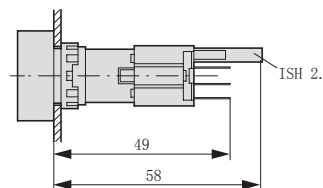
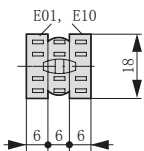
Q25PV...

Q25LPV...

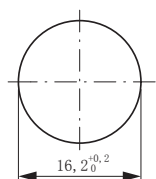


Front fixing

Q18, Q25, E89, SRA, VS, M16

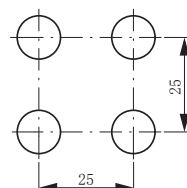


Drilling dimensions



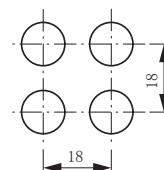
Grid dimension to IEC/EN 60947

Q25

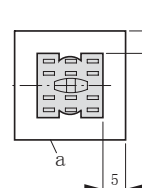


Minimum grid spacing dimension

Q18



Mounting distance



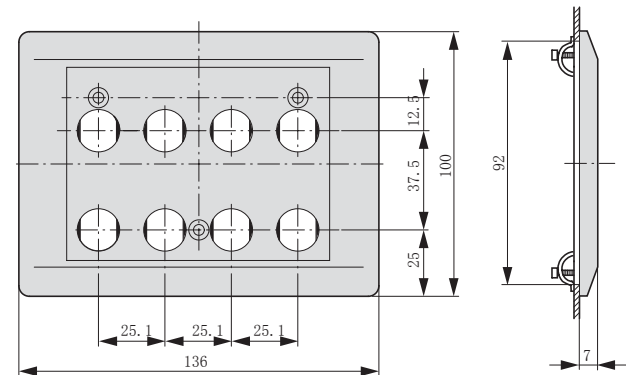
① Exposed
conductive part
(metal)

RMQ16 pilot devices

RMQ16

Flush mounting panel

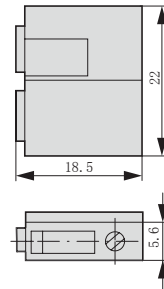
E8...



Size of cutout: 92 x 94

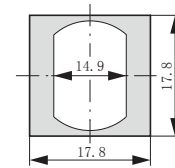
RMQ16 screw adapter

SRA...



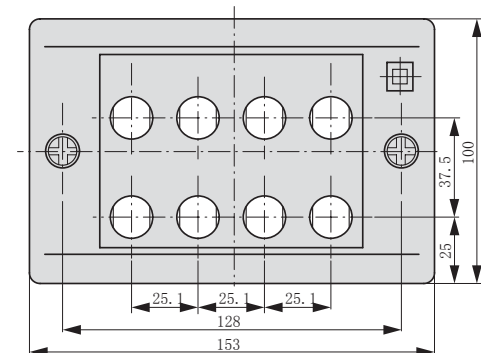
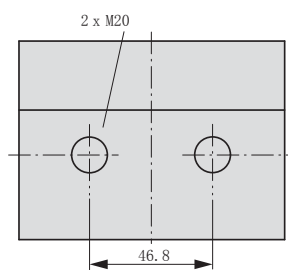
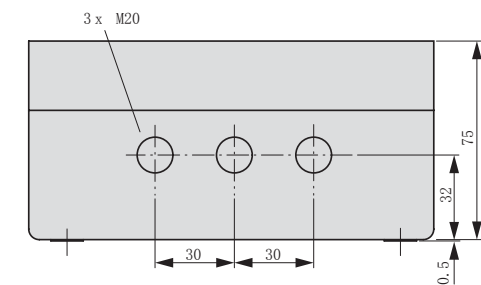
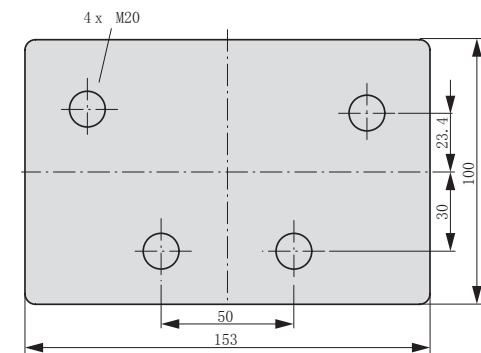
Anti-rotation feature

VS



RMQ16 housing extension

l8...

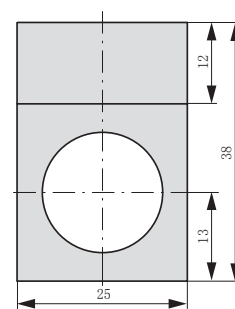


Fixing hole: 2 x $\varnothing 4.5$ mm

Distance: 128 mm

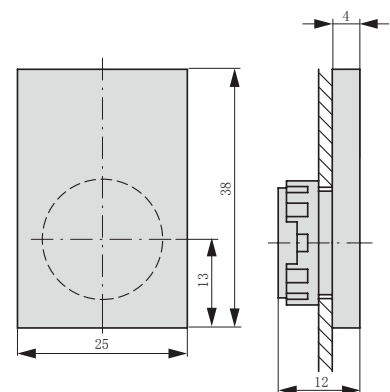
RMQ16 label mount

Q25TS...



Blanking plates

Q25AS



Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve our customers' most critical challenges.

Our focus is on delivering the right solution for the application. But, decision makers demand more than just innovative products. They turn to Eaton for an unwavering commitment to personal support that makes customer success a top priority. For more information, visit www.eaton.com/electrical.

Eaton Corporation
Asia Pacific Headquarter
No.3, Lane 280, Linhong Road,
Changning District,
Shanghai 200335
Tel: 86-21-52000099
Fax: 86-21-52000200

© 2011 Eaton Corporation
All Rights Reserved
Printed in China
RMQ16-EN(12-2011)



Eaton is a registered trademark
of Eaton Corporation.

All trademarks are property of their
respective owners.