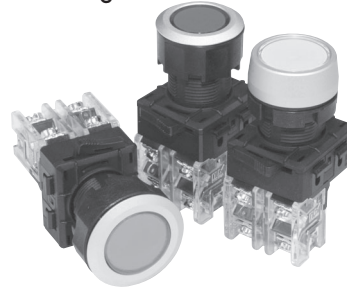


QR series (Aluminum guard)

Push button switch

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 dual usage)

- Assembling type (actuator and contact part)
- Snap-action / Slow-make contact unit
- Contact capacity 6A 250V a.c / 10A 24V a.c
- Excellent durability and energize function
- IP 65 protective structure



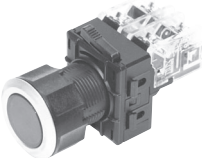
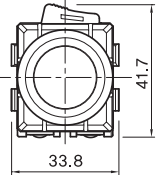
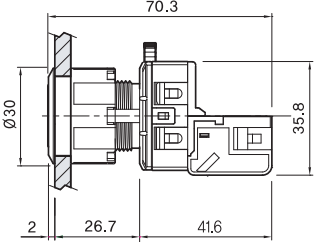
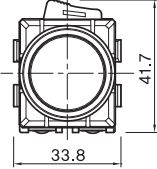
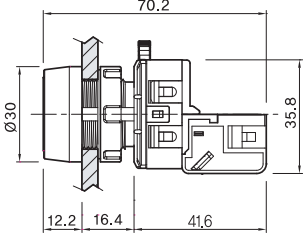
●● Suffix code

Model	Code			Description			
QRF-	☐	☐	☐	☐	Aluminum guard push button switch		
Actuator	A				Flush aluminum guard (Installing hole : Ø30)		
	N				Flush aluminum guard (Installing hole : Ø25)		
	R				Extended aluminum guard (Installing hole : Ø22 / Ø25 dual usage)		
Operation function	M				Momentary		
	A				Alternate		
Contact composition	A1				1a1b Contact	A type contact block	Contact operation : Snap-action
	A2				2a2b Contact		
	B1				1a1b Contact	B type contact block	
	B2				2a2b Contact		
	C1				1a1b Contact	C type contact block	Contact operation : Slow-make
	C2				2a2b Contact		
Color of actuator (cap color)		R		R (Red), G (Green), Y (Yellow), A (Blue), W (White)			

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRF-AM□□ QRF-AA□□ Flush type (Installing hole : Ø30)			

QR series

Model	Appearance	Dimension	
QRF-NM□□ QRF-NA□□ Flush type (Installing hole : Ø25)			
QRF-RM□□ QRF-RA□□ Extended type (Installing hole : Ø22/Ø25)			

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

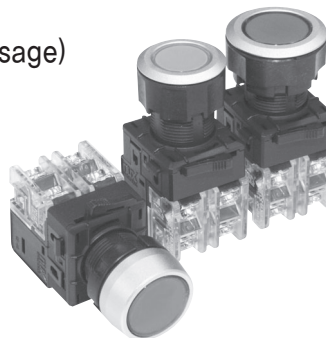
Discontinued
Products

QR series (Aluminum guard)

Illuminated push button switch

Flush type (Ø25, Ø30), Extended type (Ø22/Ø25 dual usage)

- Assembling type (actuator and contact part)
- Bright and long life expectancy due to the LED light source application
- Snap-action / Slow-make contact unit
- IP 65 protective structure



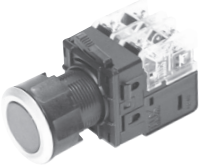
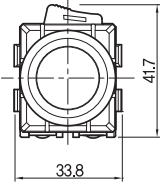
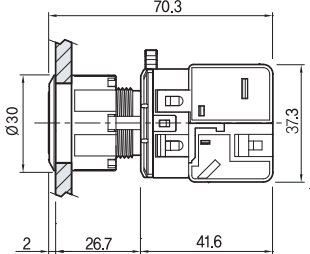
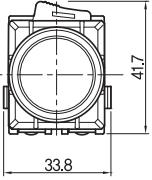
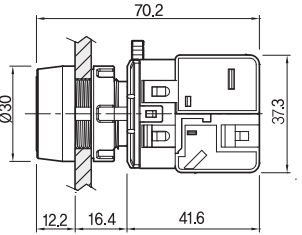
●● Suffix code

Model	Code				Description			
QRX-	☐	☐	☐	☐	☐	Aluminum guard illuminated push button switch		
Actuator	A					Flush aluminum guard (Installing hole : Ø30)		
	N					Flush aluminum guard (Installing hole : Ø25)		
	R					Extended aluminum guard (Installing hole : Ø22)		
Operation function	M					Momentary		
	A					Alternate		
Contact composition	A1					1a1b Contact	A type contact block	Contact operation : Snap-action
	A2					2a2b Contact		
	B1					1a1b Contact	B type contact block	
	B2					2a2b Contact		
	C1					1a1b Contact	C type contact block	Contact operation : Slow-make
Rated input voltage	A					100 – 240 V a.c	LED (condenser voltage dropping type)	
	C					380 V a.c		
	D						12 – 24 V a.c / d.c	
Color of actuator (cap color)				R		R (Red), G (Green), Y (Yellow), A (Blue), W (White)		

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRX-AM□□□ QRX-AA□□□ Flush type (Installing hole : Ø30)			

QR series

Model	Appearance	Dimension	
QRX-NM□□□ QRX-NA□□□ Flush type (Installing hole : Ø25)			
QRX-RM□□□ QRX-RA□□□ Extended type (Installing hole : Ø22/Ø25)			

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

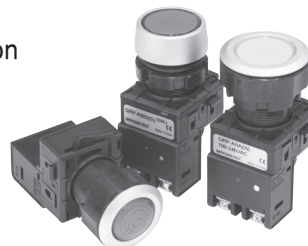
Discontinued
Products

QR series (Aluminum guard)

Pilot lamp

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 dual usage)

- Assembling type (actuator and contact part)
- Bright and long life due to the LED light source application
- IP 65 protective structure



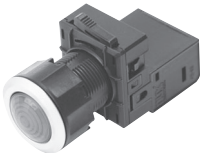
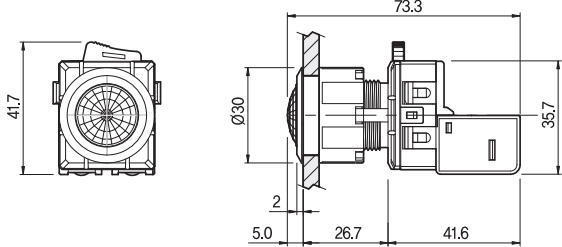
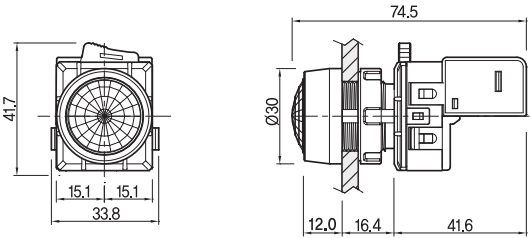
●● Suffix code

Model	Code	Description	
QRP-	☐ ☐ ☐	Aluminum guard pilot Lamp	
Actuator	A	Flush aluminum guard (Installing hole : Ø30)	
	N	Flush aluminum guard (Installing hole : Ø25)	
	R	Extended aluminum guard (Installing hole:Ø22/Ø25 dual usage)	
Rated input voltage (A type exclusive unit)	A	100 – 240 V a.c	LED (Condenser voltage dropping type)
	C	380 V a.c	
	D	12 – 24 V d.c / a.c	LED (Resistance voltage dropping type)
Rated input voltage (B type exclusive unit)	BA	100 – 240 V a.c	LED (Condenser voltage dropping type)
	BC	380 V a.c	
	BD	12 – 24 V d.c / a.c	LED (Resistance voltage dropping type)
Color of actuator (cap color)	R	R (Red), G (Green), Y (Yellow), A (Blue), W (White)	

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRP-A Flush type (Installing hole : Ø30)			

QR series

Model	Appearance	Dimension	
QRP-N Flush type (Installing hole : Ø25)			
QRP-R Extended type (Installing hole : Ø22/Ø25)			

Control switch
Combination display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

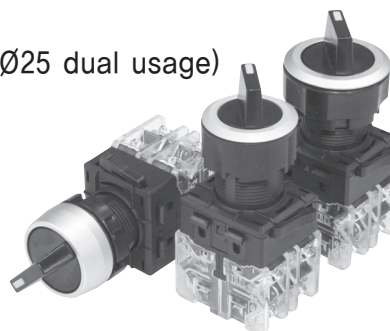
Discontinued Products

QR series (Aluminum guard)

Selector switch

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 dual usage)

- Assembling type (actuator and contact part)
- Snap-action / Slow-make contact unit
- Contact capacity 6A 250V a.c / 10A 24V d.c
- IP 65 protective structure



●● Suffix code

Model	Code	Description			
QRS-	☐ ☐ ☐	Aluminum guard selector switch			
Actuator	A	Flush aluminum guard (Installing hole : Ø30)			
	N	Flush aluminum guard (Installing hole : Ø25)			
	R	Extended aluminum guard (Installing hole:Ø22/Ø25 dual usage)			
Operation function	2	2 positions alternate	—	※ Please refer to precautions when composing the selector contact (3 positions : only 2a 2b contact available)	
	2R	2 positions momentary			
	3	3 positions alternate	—		
	3L	3 positions left side momentary			
	3R	3 positions right side alternate			
	3LR	3 positions left and right side alternate			
Contact composition	A1	1a1b Contact (only with 2 positions)		A type contact block	Contact operation : Snap-action
	A2	2a2b Contact			
	B1	1a1b Contact (only with 2 positions)		B type contact block	Contact operation : Slow-make
	B2	2a2b Contact			
	C1	1a1b Contact		C type contact block	
	C2	2a2b Contact			
Color of actuator (cap color)		Black (solid)			

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRS-A□□ Flush type (Installing hole : Ø30)			

Model	Appearance	Dimension	
QRS-N□□ Flush type (Installing hole : Ø25)			
QRS-R□□ Extended type (Installing hole : Ø22/Ø25)			

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

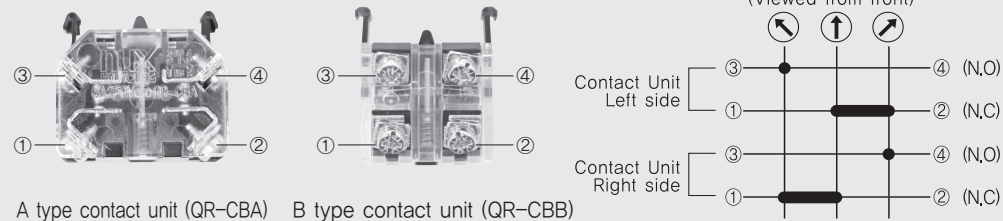
Control box
Cable connector

Discontinued
Products

selector contact operation

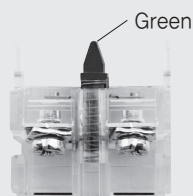
- In case of 3 positions selector, please refer to the contact operation diagram.
(Please refer the contact unit position in the A type drawing on page 5.)

※ A/B type contact unit

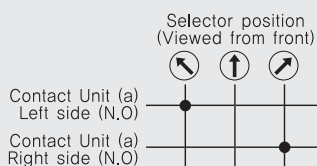


※ C type contact unit

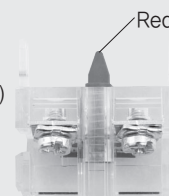
C type contact unit (QR-CBC)
a contact (N,O)



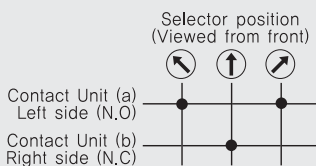
(2a)



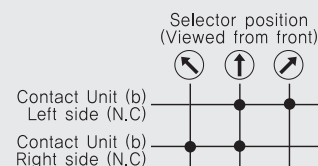
C type contact unit (QR-CBD)
b contact (N,C)



(1a, 1b)



(2b)

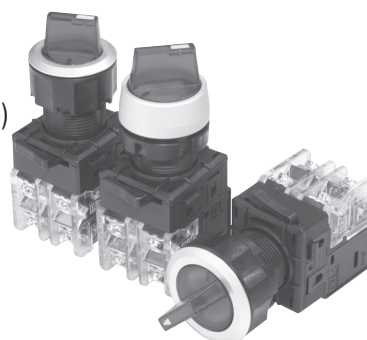


QR series (Aluminum guard)

Illuminated selector switch

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 Dual usage)

- Assembling type (Actuator and contact part)
- Bright and long life span (LED as a light source)
- Snap-action / Slow-make contact unit
- Contact capacity 6 A 250 V a.c / 10 A 24 V d.c
- IP 65 protective structure

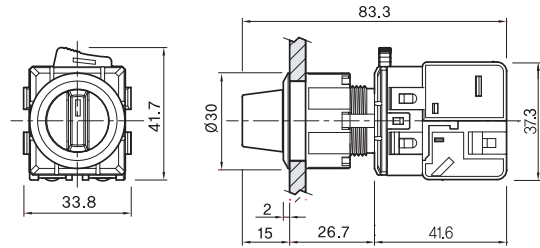
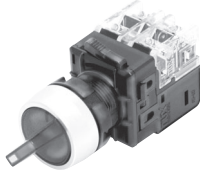
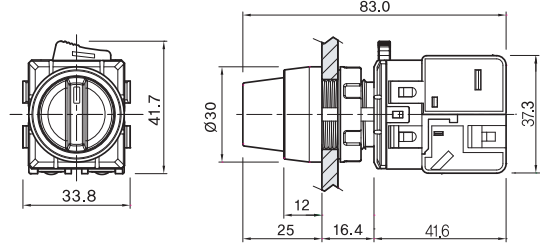


●● Suffix code

Model	Code				Description	
QRT-	☐	☐	☐	☐	Aluminum guard illuminated selector switch	
Actuator	A				Flush aluminum guard (Installing hole : Ø30)	
	N				Flush aluminum guard (Installing hole : Ø25)	
	R				Extended aluminum guard (Installing hole:Ø22/Ø25 dual usage)	
Operation function	2				2 positions alternate	—
	2R				2 positions momentary	
Contact composition	A1				1a1b Contact	A type contact block
	A2				2a2b Contact	B type contact block
	B1				1a1b Contact	
	B2				2a2b Contact	C type contact block
	C1				1a1b Contact	
Rated input voltage	A				100 – 240 V a.c	LED (Condenser voltage dropping type)
	C				380 V a.c	
	D				12 – 24 V d.c / a.c	LED (Resistance voltage dropping type)
Color of actuator (cap color)	R				R (Red), G (Green), Y (Yellow), A (Blue)	

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRT-A□□□□ Flush type (Installing hole : Ø30)			

Model	Appearance	Dimension
QRT-N□□□□ Flush type (Installing hole : Ø25)		
QRT-R□□□□ Extended type (Installing hole : Ø22/Ø25)		

Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

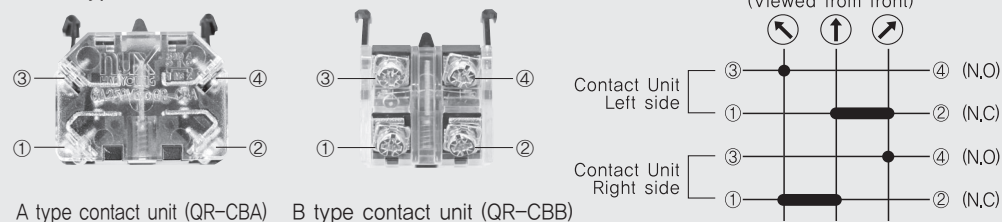
Control box
Cable connector

Discontinued
Products

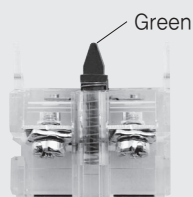
selector contact operation

- In case of 3 positions selector, please refer to the contact operation diagram.
(Please refer the contact unit position in the A type drawing on page 5.)

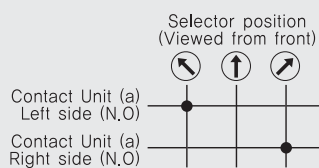
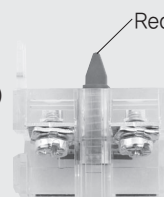
※ A/B type contact unit



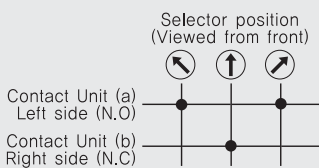
※ C type contact unit

C type contact unit (QR-CBC)
a contact (N.O)


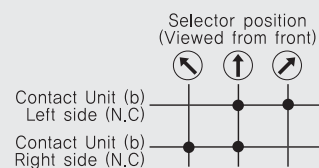
(2a)


C type contact unit (QR-CBD)
b contact (N.C)


(1a, 1b)



(2b)

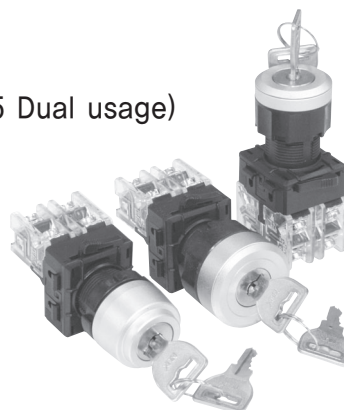


QR series (Aluminum guard)

Key selector switch

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 Dual usage)

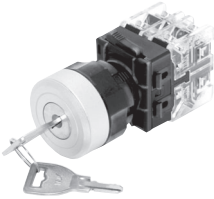
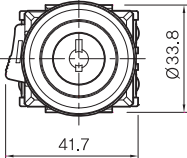
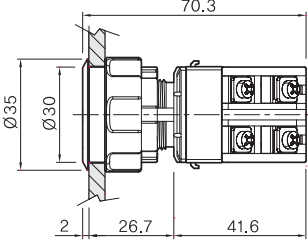
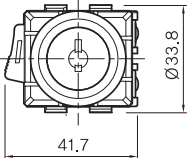
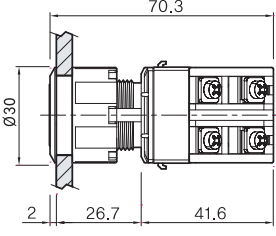
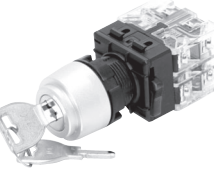
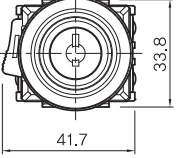
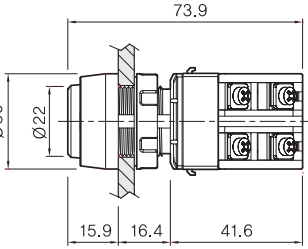
- Assembling type (actuator and contact part)
- Various key removing positions
- Contact capacity 6 A 250 V a.c / 10 A 24 V d.c
- Snap-action / Slow-make contact unit
- Excellent durability and conductivity
- IP65 protective structure



●● Suffix code

Model	Code			Description			
QRK-	☐	☐	☐	☐	Aluminum guard key selector switch		
Actuator	A				Flush type (Installing hole : Ø30)		
	N				Flush type (Installing hole : Ø25)		
	R				Extended type (Installing hole : Ø22/Ø25 dual usage)		
Operation function	2			2 positions momentary operation	—	※ Refer to the precaution when structuring the selector ※ 3 positions : only 2a2b contact available	
	2R			2 positions alternate operation			
	3			3 positions momentary operation	—		
	3L			3 positions left side alternate operation			
	3R			3 positions right side alternate operation			
	3LR			3 positions left and right side alternate operation			
Contact composition	A1			1a1b contact (only with 2 notches)		A type contact block	Contact operation : Snap-action
	A2			2a2b contact			
	B1			1a1b contact (only with 2 notches)		B type contact block	
	B2			2a2b contact			
	C1			1a1b contact		C type contact block	Contact operation : Slow-make
	C2			2a2b contact			
Key removing position (key selecting switch)	A	Left				In case of 2 positions, exclude the middle key removing position	
	B	Right					
	C	Middle					
	D	Left and right			 		
	E	Front			  		
Actuator color			White aluminum				

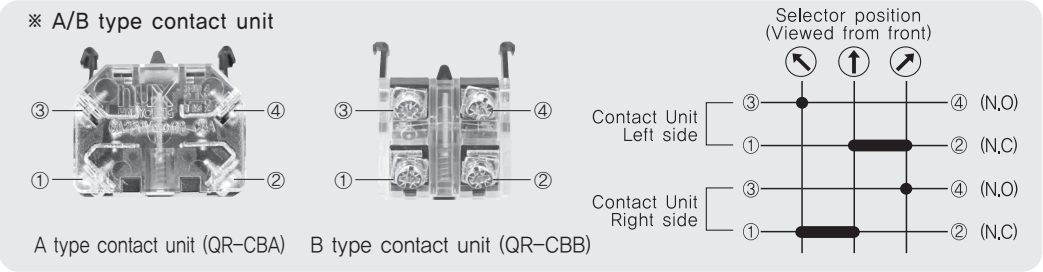
Dimension (unit : mm)

Model	Appearance	Dimension	
QRK-A Flush type (Installing hole : Ø30)			
QRK-N Flush type (Installing hole : Ø25)			
QRK-R Extended type (Installing hole : Ø22/Ø25)			

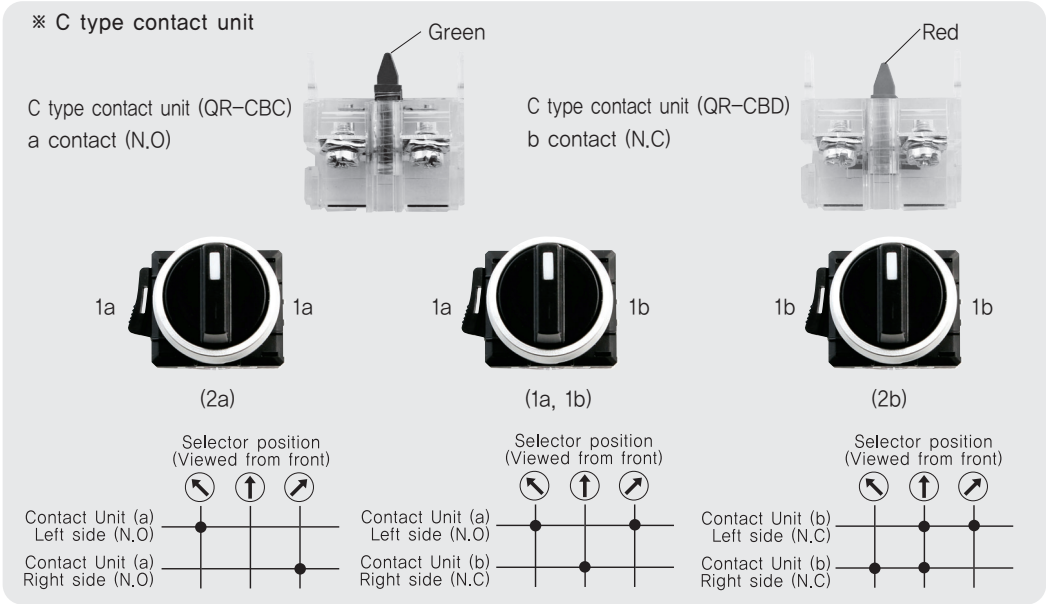
- Control switch
Combination display light
- Power switch
Main switch
Cam switch
- Limit switch
Micro switch
- Hoist switch
Foot switch
Mono lever switch
- Sign tower
Signal light
- Buzzer
Terminal block
Fuse holder

Selector contact operation

■ In case of 3 positions selector, please refer to the contact operation diagram.
(Please refer the contact unit position in the A type drawing on page 5.)



- Control box
Cable connector
- Discontinued Products

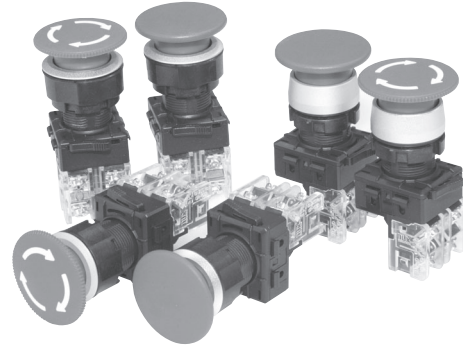


QR series (Aluminum guard)

Emergency stop push button switch

Flush type (Ø25, Ø30), Extended type (Ø22 / Ø25 dual usage)

- Assembling type (actuator and contact part)
- 2 types of operation function
- Snap-action / Slow-make contact unit
- Contact capacity 6A 250V a.c / 10A 24V d.c
- IP65 protective structure



Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

●● Suffix code

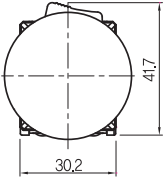
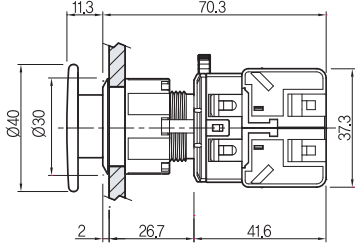
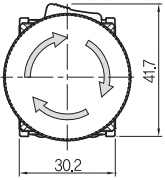
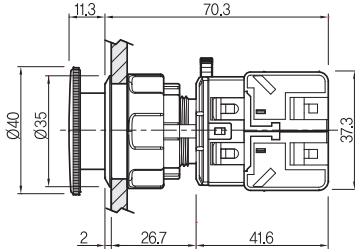
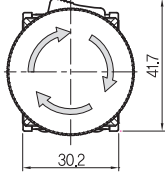
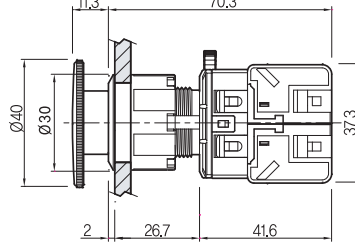
Model	Code		Description				
QRE-	☐	☐	☐	Aluminum guard emergency stop push button switch			
Actuator	A			Flush aluminum guard (Installing hole : Ø30)			
	N			Flush aluminum guard (Installing hole : Ø25)			
	R			Extended aluminum guard (Installing hole:Ø22/Ø25 dual usage)			
Operation function	M			Alternate operation			
	R			Push lock-pull reset			
Contact composition			A1	1a1b contact		A type contact block	Contact operation : Snap-action
			A2	2a2b contact			
			B1	1a1b contact		B type contact block	
			B2	2a2b contact			
			C1	1a1b contact		C type contact block	Contact operation : Slow-make
			C2	2a2b contact			
Actuator color			Red (solid color)				

●● Dimension (Unit : mm)

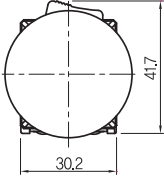
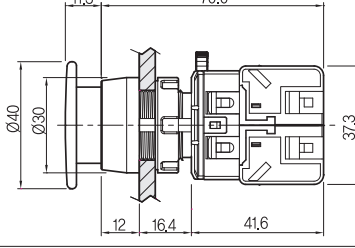
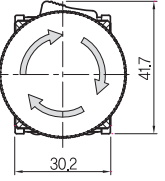
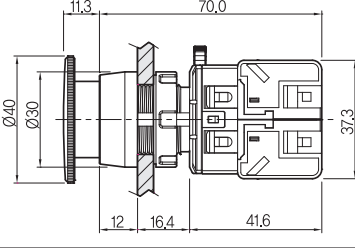
■ Flush type

Model	Appearance	Dimension	
QRE-AM□ Flush type (Installing hole : Ø30)			

Control switch / Combination display light

Model	Appearance	Dimension	
QRE-NM□ Flush type (Installing hole : Ø25)			
QRE-AR□ Flush type (Installing hole : Ø30)			
QRE-NR□ Flush type (Installing hole : Ø25)			

■ Extended type

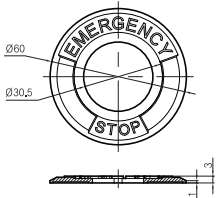
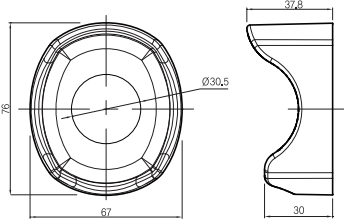
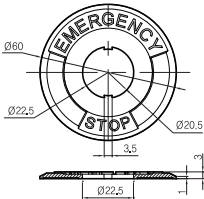
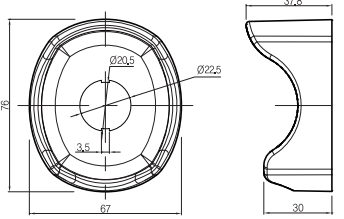
Model	Appearance	Dimension	
QRE-RM□ Extended type (Installing hole : Ø22/Ø25)			
QRE-RR□ Extended type (Installing hole : Ø22/Ø25)			

Emergency name plate and example of emergency protective guard application

Model	Emergency name plate	Model	Emergency protective guard
EN-36		EP-30	
EN-26		EP-22	

- Control switch
Combination display light
- Power switch
Main switch
Cam switch
- Limit switch
Micro switch
- Hoist switch
Foot switch
Mono lever switch

Emergency name plate and Emergency protective guard

Model	Emergency name plate	Model	Emergency protective guard
EN-36 (Ø30)		EP-30 (Ø30)	
EN-26 (Ø22)		EP-22 (Ø22)	

- Sign tower
Signal light
- Buzzer
Terminal block
Fuse holder
- Control box
Cable connector
- Discontinued Products

QR series (Aluminum guard)

Illuminated emergency stop push button switch

Flush type (Ø25, Ø30),
Extended type (Ø22 / Ø25 Dual usage)



- Assembling type (actuator and contact part)
- Bright and long life due to the LED light source application
- 2 types of operation function
- Snap-action / Slow-make contact unit
- Contact capacity 6 A 250 V a.c / 10 A 24 V d.c
- IP65 protective structure

●● Suffix code

Model	Code				Description			
QRA-	☐	☐	☐	☐	Aluminum guard illuminated emergency stop push button Switch			
Actuator	A				Flush type (Installing hole : Ø30)			
	N				Flush type (Installing hole : Ø25)			
	R				Extended aluminum guard (Installing hole:Ø22/Ø25 dual usage)			
Operation function	M				Alternate operation			
	R				Push lock–turn reset			
Contact composition	A1				1a1b Contact		A type contact block	Contact operation : Snap-action
	A2				2a2b Contact			
	B1				1a1b Contact		B type contact block	
	B2				2a2b Contact			
	C1				1a1b Contact		C type contact block	Contact operation : Slow-make
Rated input voltage		A	100 – 240 V a.c			LED (Condenser voltage dropping type)		
		C	380 V a.c			LED (Condenser voltage dropping type)		
		D	12 – 24 V a.c/d.c			LED (Resistance voltage dropping type)		
Actuator color				Red (solid color)				

●● Dimension (unit : mm)

■ Flush type

Model	Appearance	Dimension	
QRA-AM□□ Flush type (Installing hole : Ø30)			

QR series

Model	Appearance	Dimension	
QRA-NM□□ Flush type (Installing hole: Ø25)			
QRA-AR□□ Flush type (Installing hole : Ø30)			
QRA-NR□□ Flush type (Installing hole : Ø25)			

Control
switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Extended type

Model	Appearance	Dimension	
QRA-RM□□ Extended type (Installing hole : Ø22/Ø25)			
QRA-RR□□ Extended type (Installing hole : Ø22/Ø25)			

Buzzer
Terminal block
Fuse holder

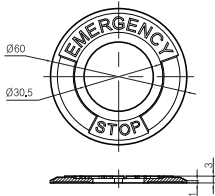
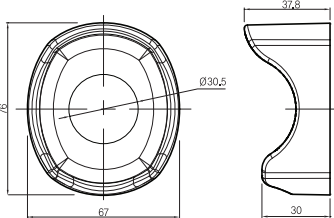
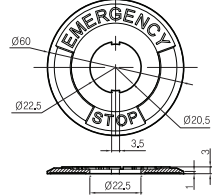
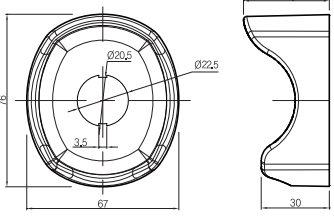
Control box
Cable connector

Discontinued
Products

●○ Emergency name plate and example of emergency protective guard application

Model	Emergency name plate	Model	Emergency protective guard
EN-36		EP-30	
EN-26		EP-22	

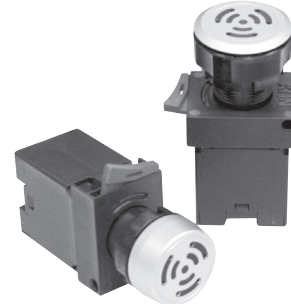
●○ Emergency name plate and Emergency protective guard

Model	Emergency name plate	Model	Emergency protective guard
EN-36 (Ø30)		EP-30 (Ø30)	
EN-26 (Ø22)		EP-22 (Ø22)	

QR series (Aluminum guard)

3 melodies electrical buzzer

- 3 melodies selection (by the backside jumper pin)
- Assembling type (Actuator and contact part)
- LED flashed when buzzer operated
- Extended type (Ø22 / Ø25 Dual usage), Flush type (Ø30)


Control switch
Combination
display light

Power switch
Main switch
Cam switch

Limit switch
Micro switch

Hoist switch
Foot switch
Mono lever switch

Sign tower
Signal light

Buzzer
Terminal block
Fuse holder

Control box
Cable connector

Discontinued
Products

●● Suffix code

Model	Code	Description	
QRB-	☐ ☐ ☐	Aluminum guard 3 melodies electrical buzzer	
Actuator	A	Flush type (Installing hole : Ø30)	
	R	Extended type (Installing hole : Ø22)	
Power supply voltage	A	110 - 220 V a.c	LED (Condenser voltage dropping type)
	D	12 - 24 V a.c / d.c	LED (Resistance voltage dropping type)
Actuator color	W	White aluminum	

●● Specification

Model	QRB-AAW	QRB-RAW	QRB-ADW	QRB-RDW
Installing hole	Ø30	Ø22	Ø30	Ø22
Power supply voltage	110 – 220 V a.c 50 – 60 Hz		12 – 24 V d.c / a.c	
Power consumption	13.5 W		0.6 W	
Decibel	80 dB			
Melody selection (backside jumper)	SELECT-1	FAST BEEP		
	SELECT-2	SLOW BEEP		
	REMOVE (open)	CONTINUANT		

●● Dimension (unit : mm)

Model	Appearance	Dimension	
QRB-A□□ Flush type (Installing hole : Ø30)			
QRB-R□□ Extended type (Installing hole : Ø22/Ø25)			