

Selector and illuminated selector switches

AR22 PL – 2 □ 10 E3 G □ □

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Product category

AR22: 22mm dia. selector switch and illuminated selector switch

② Operator

• Selector switch

PR: Knob

PCR: Knob operated control type

WR: Lever

WCR: Lever operated control type

RR: Cylindrical knob

RCR: Cylindrical knob operated control type

JR: Key

JCR: Key operated control type

JAR: Key (Long durability)

PY: Knob with square bezel

PCY: Knob operated control type with square bezel

WY: Lever with square bezel

WCY: Lever operated control type with square bezel

RY: Cylindrical knob with square bezel

RCY: Cylindrical knob operated control type with square bezel

JY: Key with square bezel

JCY: Key operated control type with square bezel

• Illuminated selector switch

PL: Knob

PP: Knob with square bezel

③ Operation

2: 2-position, maintained

0: 2-position, spring return

3: 3-position, maintained

6: 3-position, spring/manual return (Left to center)

7: 3-position, spring/manual return (Right to center)

1: 3-position, spring return

4: 4-position, maintained (For AR22PCR, WCR, RCR)

5: 5-position, maintained (For AR22PCR, WCR, RCR)

④ Key removable position

A: Left

B: Left and right

C: Left, right and center

D: Right

E: Center

F: Right and center

G: Left and center

⑤ Contact arrangement

10: 1NO

30: 3NO

01: 1NC

03: 3NC

11: 1NO+1NC

33: 3NO+3NC

20: 2NO

40: 4NO

02: 2NC

04: 4NC

22: 2NO+2NC

50: 5NO

05: 5NC

Note: Control type: See page 04/29 to 04/31

⑥ Lamp voltage

• Incandescent lamp

54: 5.5V AC/DC, without transformer

C4: 15V AC/DC, without transformer

D4: 20V AC/DC, without transformer

E4: 24V AC/DC, without transformer

H4: 100-110V AC, with transformer

L4: 115-127V AC, with transformer

M4: 200-220V AC, with transformer

Q4: 230-254V AC, with transformer

S4: 350-380V AC, with transformer

T4: 400-440V AC, with transformer

V4: 480V AC, with transformer

W4: 500-550V AC, with transformer

• LED lamp

A3: 6V AC, without transformer

63: 6V DC, without transformer

B3: 12V AC/DC, without transformer

C3: 15V AC/DC, without transformer

E3: 24V AC/DC, without transformer

H3: 100-110V AC, with transformer

L3: 115-127V AC, with transformer

M3: 200-220V AC, with transformer

Q3: 230-254V AC, with transformer

S3: 350-380V AC, with transformer

T3: 400-440V AC, with transformer

V3: 480V AC, with transformer

W3: 500-550V AC, with transformer

⑦ Color of knob

B: Black (Not available for illuminated selector switch)

G: Green

R: Red

W: White (Not available for selector switch)

Y: Yellow (Not available for selector switch)

A: Orange (Not available for selector switch)

S: Blue (Not available for selector switch)

⑧ Key type No.

A, B, C, D, E or F

("A" is standard)

⑨ Special product

Z9: Resisting water-soluble cutting oils and heat

Z8: With a contact protection cover

Z4: Resisting sulfuration gas

ZB: Meeting IP2X finger-protection standards





Note: • The manufacturing range varies depending on the model. For details, refer to the contents of this catalog.

Selector Switches








AR22

■ Selector switches (control type)

3-position

Operator	Operation	Knob color or key removable position	Contact arrangement	Type Switch with round bezel	Switch with square bezel
Knob  AF94-435	Maintained each 45°	Color code: B: Black (Standard) Color other than above are available (G: Green R: Red)	Replace the ■ mark by the contact arrangement code (shown on next page).	AR22PCR-3■B	AR22PCY-3■B
	Spring/manual return ① each 45°			AR22PCR-6■B	AR22PCY-6■B
	Spring/manual return ① each 45°			AR22PCR-7■B	AR22PCY-7■B
	Spring return ① each 45°			AR22PCR-1■B	AR22PCY-1■B
Lever  AF94-436	Maintained each 45°		Replace the ■ mark by the contact arrangement code (shown on next page).	AR22WCR-3■B	AR22WCY-3■B
	Spring/manual return ① each 45°			AR22WCR-6■B	AR22WCY-6■B
	Spring/manual return ① each 45°			AR22WCR-7■B	AR22WCY-7■B
	Spring return ① each 45°			AR22WCR-1■B	AR22WCY-1■B
Cylindrical knob  AF94-433	Maintained each 45°		Replace the ■ mark by the contact arrangement code (shown on next page).	AR22RCR-3■B	AR22RCY-3■B
	Spring/manual return ① each 45°			AR22RCR-6■B	AR22RCY-6■B
	Spring/manual return ① each 45°			AR22RCR-7■B	AR22RCY-7■B
	Spring return ① each 45°			AR22RCR-1■B	AR22RCY-1■B
Key  KKD09-016	Maintained each 45°	Replace the □ mark by the key removable position code: A, B, C, D, E F or G	Replace the ■ mark by the contact arrangement code (shown on next page).	AR22JCR-3□()	AR22JCY-3□()
	Spring/manual return ① each 45°			AR22JCR-6□()	AR22JCY-6□()
	Spring/manual return ① each 45°			AR22JCR-7□()	AR22JCY-7□()
	Spring return ① each 45°			AR22JCR-1E■()	AR22JCY-1E■()

● Key removable positions




Code	A	B	C	D	E	F	G
Removable position							
AR22JCR-3	●	●	●	●	●	●	●
AR22JCR-6	—	—	—	●	●	●	—
AR22JCR-7	●	—	—	—	●	—	●
AR22JCR-1	—	—	—	—	●	—	—

●: Available —: Not available

● Key code No.

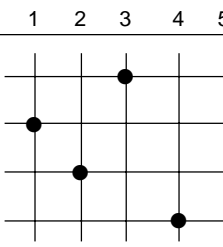
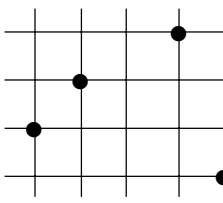
Replace the () mark with one of the following key code.
 A, B, C, D, E and F
 Standard key code is A.

4, 5-position

Operator	Contact (The following contact is only available.)	Operation	Knob color	Contact arrangement	Type Switch with round bezel	Switch with square bezel
Knob  AF94-435	2NO+2NC	4-position maintained	Color code: B: Black (Standard) Color other than above are available (G: Green) (R: Red)	Replace the ■ mark by the contact arrangement code (shown below)	AR22PCR-4■B	AR22PCY-4■B
		5-position maintained			AR22PCR-5■B	AR22PCY-5■B
Lever  AF94-436	2NO+2NC	4-position maintained			AR22WCR-4■B	AR22WCY-4■B
		5-position maintained			AR22WCR-5■B	AR22WCY-5■B
Cylindrical knob  AF94-433	2NO+2NC	4-position maintained			AR22RCR-4■B	AR22RCY-4■B
		5-position maintained			AR22RCR-5■B	AR22RCY-5■B

04

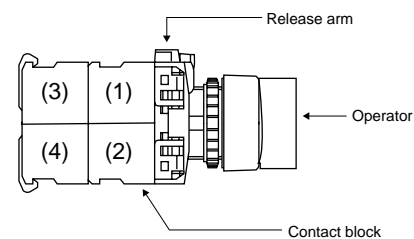
● Contact arrangement code

Position	Contact arrangement	Contact arrangement code	Contact operation		Operator position
			Contact block		
			Mounting position	Type	
					12345
4-position	2NO+2NC	41C* (Main-tained only)	(1)	NC	
			(2)	NC	
			(3)	NO	
			(4)	NO	
5-position	2NO+2NC	51C* (Main-tained only)	(1)	NC	
			(2)	NC	
			(3)	NO	
			(4)	NO	

Notes: ●: Contact closed

* There may be some overlap in the contact when switching between notches.

● Position of contact block



Operator position
4-position 5-position

