

Pushbuttons/Selectors/Pilot Lights/Buzzers

AR30 and DR30

Part number system

Pushbuttons

AR30 E0R – 10 R

① ② ③ ④ ⑤ ⑥

① Product category

AR30: 30mm-dia. pushbutton
30mm-dia. emergency stop pushbutton

② Operator

- Pushbutton switch
- F0R: Flush round head
- F5R: Flush round head (Alternate)
- E0R: Extended round head
- E5R: Extended round head (Alternate)
- FAR: Flush round head (Symbol mark type)
- FBR: Flush round head (Symbol mark type, alternate)
- EAR: Extended round head (Symbol mark type)
- EBR: Extended round head (Symbol mark type, alternate)
- M0R: Mushroom head (40mm dia.)
- M5R: Mushroom head (40mm dia. Alternate)
- M4R: Mushroom head (29mm dia.)
- G1R: Extended with full guard (24mm dia.)
- G6R: Extended with full guard (24mm dia. Alternate)
- GPR: Pin lock
- G0R: Extended with half guard
- G5R: Extended with half guard (Alternate)
- M3R: Mushroom head with full guard (40mm dia.)
- M8R: Mushroom head with full guard (40mm dia. Alternate)
- GSR: Mushroom head with full guard (35mm dia. metal nut)
- B0R: Giant head
- B1R: Giant head with guard
- B2R: Giant head with full guard
- B3R: Giant head with full guard
- S1R: Pushbutton with selector ring (2-position)
- S2R: Pushbutton with selector ring (2-position)
- S3R: Pushbutton with selector ring (2-position)
- S6R: Pushbutton with selector ring (2-position)
- N0R: Push, turn-lock
- V5R: Push-lock, turn-reset (40mm dia. with white arrow) *1
- FVR: Pushbutton with emergency operating cap
- Emergency stop pushbutton switch
- V0R: Push-lock, turn-reset (Soft-touch 40mm dia. with white arrow)
- V2R: Push-lock, turn-reset (40mm dia.)
- V1R: Push-lock, turn-reset (Soft-touch 65mm dia. with white arrow)
- Q2R: Push-lock, pull-reset (35mm dia.)

③ 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	44: 4NO+4NC
	50: 5NO
	05: 5NC

④ Color of button

G: Green	Y: Yellow
R: Red ²	A: Orange
B: Black	S: Blue
W: White	C: Clear
T: Green, Red, Black (For AR30F0R)	(For AR30FAR, FBR, EAR, EBR)

⑤ Symbol mark (For AR30FAR, FBR, EAR, EBR)








Symbol mark	○		I		⊕		○		I		⊕	
Color of button	White	Black	White	Black	White	Black	Clear					
Color of mark	Red		Green		Green		Black					
Code	01	02	03	04	11	12	02B	04B	12B			

⑥ 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
- ZM: Metal nut

Notes: *1 Products with no trigger action mechanism. These products cannot be used as emergency stop switches that comply with EN standards.
*2 Button color of emergency stop switches are Red only.
• The manufacturing range varies depending on the model. For details, refer to the contents of this catalog.

■ Pushbutton switches

Operator	Contact	Momentary action Type	Alternate action Type
Flush round head 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30F0R-10 □ AR30F0R-01 □ AR30F0R-11 □ AR30F0R-20 □ AR30F0R-02 □ AR30F0R-22 □	AR30F5R-10 □ AR30F5R-01 □ AR30F5R-11 □ AR30F5R-20 □ AR30F5R-02 □ AR30F5R-22 □
Extended round head 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30E0R-10 □ AR30E0R-01 □ AR30E0R-11 □ AR30E0R-20 □ AR30E0R-02 □ AR30E0R-22 □	AR30E5R-10 □ AR30E5R-01 □ AR30E5R-11 □ AR30E5R-20 □ AR30E5R-02 □ AR30E5R-22 □
Flush round head symbol mark type 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30FAR-10C ■ AR30FAR-01C ■ AR30FAR-11C ■ AR30FAR-20C ■ AR30FAR-02C ■ AR30FAR-22C ■	AR30FBR-10C ■ AR30FBR-01C ■ AR30FBR-11C ■ AR30FBR-20C ■ AR30FBR-02C ■ AR30FBR-22C ■
Extended round head symbol mark type 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30EAR-10C ■ AR30EAR-01C ■ AR30EAR-11C ■ AR30EAR-20C ■ AR30EAR-02C ■ AR30EAR-22C ■	AR30EBR-10C ■ AR30EBR-01C ■ AR30EBR-11C ■ AR30EBR-20C ■ AR30EBR-02C ■ AR30EBR-22C ■
Mushroom head (40mm dia.) 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30M0R-10 □ AR30M0R-01 □ AR30M0R-11 □ AR30M0R-20 □ AR30M0R-02 □ AR30M0R-22 □	AR30M5R-10 □ AR30M5R-01 □ AR30M5R-11 □ AR30M5R-20 □ AR30M5R-02 □ AR30M5R-22 □
Mushroom head (29mm dia.) 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30M4R-10 □ AR30M4R-01 □ AR30M4R-11 □ AR30M4R-20 □ AR30M4R-02 □ AR30M4R-22 □	— — — — — —
Extended with full guard (24mm dia.) 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30G1R-10 □ AR30G1R-01 □ AR30G1R-11 □ AR30G1R-20 □ AR30G1R-02 □ AR30G1R-22 □	AR30G6R-10 □ AR30G6R-01 □ AR30G6R-11 □ AR30G6R-20 □ AR30G6R-02 □ AR30G8R-22 □

Note: ■ □ See page 74

Operator	Contact	Momentary action Type	Alternate action Type
Extended with half guard 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30G0R-10 □ AR30G0R-01 □ AR30G0R-11 □ AR30G0R-20 □ AR30G0R-02 □ AR30G0R-22 □	AR30G5R-10 □ AR30G5R-01 □ AR30G5R-11 □ AR30G5R-20 □ AR30G5R-02 □ AR30G5R-22 □
Pin lock 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30GPR-10 □ AR30GPR-01 □ AR30GPR-11 □ AR30GPR-20 □ AR30GPR-02 □ AR30GPR-22 □	— — — — — —
Mushroom head with full guard (40mm dia.) 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30M3R-10 □ AR30M3R-01 □ AR30M3R-11 □ AR30M3R-20 □ AR30M3R-02 □ AR30M3R-22 □	AR30M8R-10 □ AR30M8R-01 □ AR30M8R-11 □ AR30M8R-20 □ AR30M8R-02 □ AR30M8R-22 □
Mushroom head with full guard (35mm dia. metal nut) 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30GSR-10 □ AR30GSR-01 □ AR30GSR-11 □ AR30GSR-20 □ AR30GSR-02 □ AR30GSR-22 □	— — — — — —
Giant head 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30B0R-10 □ AR30B0R-01 □ AR30B0R-11 □ AR30B0R-20 □ AR30B0R-02 □ AR30B0R-22 □	— — — — — —
Giant head with guard 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30B1R-10 □ AR30B1R-01 □ AR30B1R-11 □ AR30B1R-20 □ AR30B1R-02 □ AR30B1R-22 □	— — — — — —
Giant head with full guard 	1NO 1NC 1NO+1NC 2NO 2NC 2NO+2NC	AR30B2R-10 □ AR30B2R-01 □ AR30B2R-11 □ AR30B2R-20 □ AR30B2R-02 □ AR30B2R-22 □	— — — — — —