

Components for Control Stations

BK8050 Series Explosion-proof Control Switches

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Max. 6 poles.
- ◆ Available in latching and spring-return forms.



■ Catalogue number logic

BK8050(K for short)

K - □

Control switch code

Explosion-proof control switches



Zones 1&2; 21&22

Selection table of control switches

Control switch code	Chart of contact	Equivalent switch	Position (solid line: location; dash line: spring return)	Instruction for equivalent function
a				a. Functional wiring is the same as double buttons with auto-reset function.
b				B. Functional wiring is the same as double buttons; auto-reset after start; lock-stop gear added to avoid mistake operation.
c				c. Button with 2 NO contacts and available at auto-reset function. Suitable for high-voltage engine control circuit or function panel use see switch code "a".
d				d. Low-power switch.
e				e. Function is the same as three buttons; able to control engine in forward and backward rotation. FW&BW starting positions can auto-reset.
f				f. Selection switch with stop gear.
g				g. Be equal to mounting two buttons and one changeover switch in one axis. Possible to output contact signal or monitoring signal between start and stop.
h				h. Multi-signals transmit gradually.

