## **Control Equipments**



### Components for BZC Control Stations HK Series 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 1, Groups A, B, C, D
- Available in latching and spring-return forms.
- Different function options.
- Max. 6 poles.
- The switch shall be fitted inside Ex d enclosure.

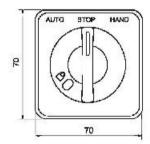
#### ■ Catalogue number logic

HK(K for short)

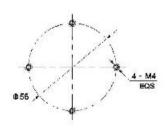




#### ■ Dimension drawings (all dimensions in mm) - subject to alteration







Operating handle

Mounting hole

# Zones 1&2; 21&22

Selection table				
Switch code	Chart of contact	Equivalent switch	Position (solid line: location; dash line: spring return)	Instruction for equivalent function
a	1-2 2 3-4 3-3	3 T 2	STOP - C START	Euroctional wiring is the same as double buttons with auto-resel function.
b	1 1-2 2 3.4 2 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	3 T 2	STOP O START	b.Functional wiring is the same as double buttons; auto-reset after start; lock-stop geer added to avoid mistake operation.
С	1 1-2 1-2 1-3 34 34 3-3	3 T T 2		c.Button with 2 NO contacts and available at auto-reset function. Suitable for high- voltage engine control circuit or function panel uses switch code "a".
d	1 1-2 2 2 2 3 9-4 4 5 6-4 6	135	OFF ON O	d,Low-power switch.
e	1 1-2 3 3-4 5-6 45 90 45	1 T 3 ROTATE T 4 REVERSE	REVERSE O ROTATE  O START START	Function is same as three buttons; able to control engine in forward and backward rotation. FW&BW starting positions can auto-reset.
f	1 0° 45° 0° 45° 2 a a a a a a a a a a a a a a a a a a	1 3	STOP AUTO O HAND	f.Selection switch with stop gear in midesi.
g	1 1-2 3-4 45' 0' 45' 90' 2 3-4 45' 5-6 7-6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 T 2 2 6 6 5 5	I RUN II O STOP START	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	CP 0' 45' 90' 186' 1-1.2	1 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	POINT HAND AUTO OFF OFF OFF OH AUTO HAND POINT	h.Multi-signals transmit gradually.
I	1 1-2 2 2 2 3 3 5 4 4 5 5 6 4 5 5 6 5 5 6 5 6 5 6 5 6 5	234 5	POINT O AUTO OFF OFF OFF AUTO HAND	i.Add function of transmitting resultant signal on the base of function panel uses switch code "h".

