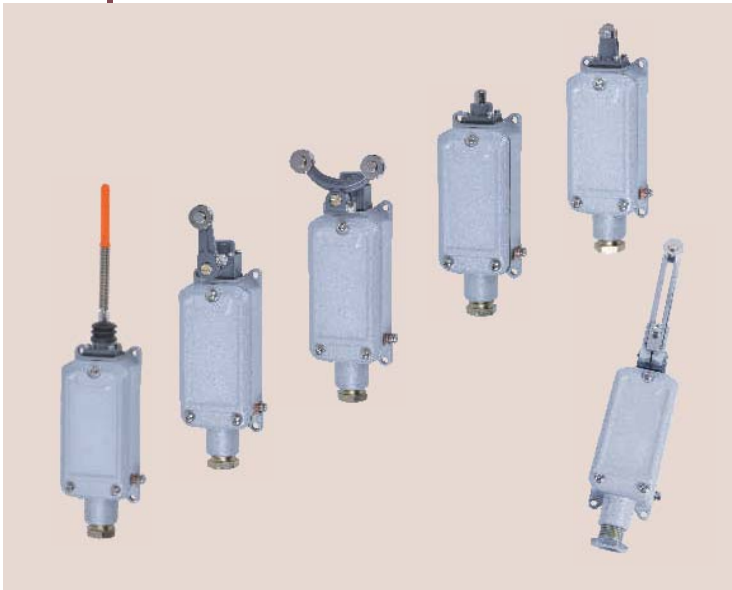


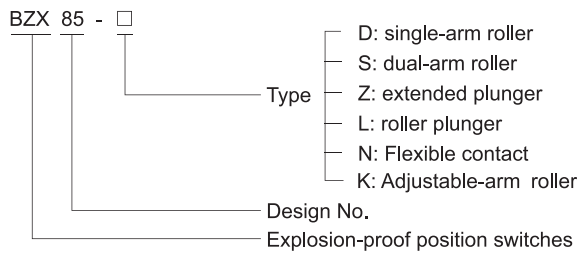
## Position Switches

### BZX85 Series Explosion-proof Position Switches



- ◆ Explosion protection to
  - CENELEC
  - IEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- ◆ Types: D, S, Z, L, N.
- ◆ Increased safety enclosure with explosion-proof components.
- ◆ Copper-free aluminium enclosure, powder coated surface.

#### ■ Catalogue number logic



#### Selection table

Version	Rated voltage	Rated current (A)	Type of contact	Ordering code	Weight (kg)
BZX85-D	380V AC	0.79	1NO+1NC	40001	0.45
	250V AC	1.5	1NO+1NC	40002	0.45
	220V DC	0.1	1NO+1NC	40003	0.45
BZX85-S	380V AC	0.79	1NO+1NC	40004	0.50
	250V AC	1.5	1NO+1NC	40005	0.50
	220V DC	0.1	1NO+1NC	40006	0.50
BZX85-Z	380V AC	0.79	1NO+1NC	40007	0.40
	250V AC	1.5	1NO+1NC	40008	0.40
	220V DC	0.1	1NO+1NC	40009	0.40
BZX85-L	380V AC	0.79	1NO+1NC	40010	0.40
	250V AC	1.5	1NO+1NC	40011	0.40
	220V DC	0.1	1NO+1NC	40012	0.40
BZX85-N	380V AC	0.79	1NO+1NC	40013	0.42
	250V AC	1.5	1NO+1NC	40014	0.42
	220V DC	0.1	1NO+1NC	40015	0.42
BZX85-K	380V AC	0.79	1NO+1NC	40016	0.45
	250V AC	1.5	1NO+1NC	40017	0.45
	220V DC	0.1	1NO+1NC	40018	0.45

## Zones 1&2; 21&22

## Position Switches

### BZX85 Series Explosion-proof Position Switches

Technical data				
<b>Explosion-proof position switches</b> <b>BZX85-□</b>				
<b>Explosion protection</b>	<ul style="list-style-type: none"> <li>Gas explosion protection: <math>\text{Ex II 2 G Ex d e IIC T6 Gb}</math></li> <li>Dust explosion protection: <math>\text{Ex II 2 D Ex tb III C T80°C Db IP65}</math></li> </ul>			
<b>Certificates</b>	ATEX and IECEx (applied for); PCEC (China)			
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31			
<b>Enclosure material</b>	Copper-free aluminium, powder coated surface			
<b>Enclosure colour</b>	Window grey (RAL7040)			
<b>Exposed fastener</b>	Stainless steel			
<b>Type of contact</b>	1NO+1NC			
<b>Swing angle or distance of roller arm</b>	BZX85-D	BZX85-S	BZX85-Z	BZX85-L
	45°	45°	5mm	5mm
<b>Rated voltage</b>	380V AC		250V AC	220V DC
<b>Rated current</b>	0.79A		1.5A	0.1A
<b>Degree of protection</b>	IP65			
<b>Internal&amp;external earthing</b>	M4/M4			
<b>Ambient temperature</b>	-20°C~+55°C			
<b>Cable entries</b>	1 x G1/2"			
<b>Available cable outer diameter</b>	Φ6.5~Φ10(mm)			

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

