

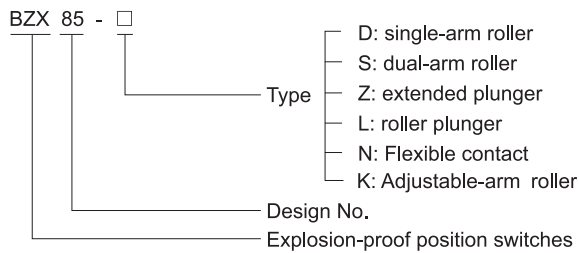
Position Switches

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

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

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

