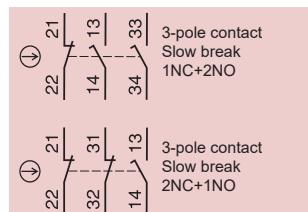




Preventa safety switches and actuators



Position of the contact
when the actuator is in
the head of the switch



Metal switches type		XC SA/B/C, 1 entry fitted with ISO M20 cable gland for ATEX/IECEx version, with ½ NPT for IECEx/cULus version (without cable gland)		
With head		Without locking	Interlocking, unlocking by button	Interlocking, unlocking by key lock
Conformity		Directive ATEX 2014/34/UE, EN/IEC/UL 60079-0, EN/IEC/UL 60079-31		
Zone D (dust)		21 - 22		
Marking		Ex tb III C T85°C Db IP67 / Zn21 AEx tb IIIC T85°C / Zn21 Ex tb IIIC T85°C Db		
Maximum safety level (1)		PL=e, category 4 conforming to EN/ISO 13849-1 and SIL CL3 conforming to EN/IEC 62061		
Maximum safety level (mini → maxi)		0,1 m/s → 0,5 m/s		
Degree of protection		IP67		
Rated operational characteristics (conforming to EN IEC 60947-5-1)		AC 15, A 300 / DC 13, Q 300		
Temperature range		-20...+60°C		
Dimensions (body+head) W x D x H		40 x 44 x 113,5 mm	52 x 44 x 113,5 mm	52 x 44 x 113,5 mm
Short-circuit protection		By 10 A cartridge fuse type gG (gl)		
Reliability data B _{10d}		5 000 000 (value given for a service life of 20 years, limited by mechanical or contact wear)		
Complete switch	  (3)	1NC+2NO	XC SA502EX →	XC SB502EX →
		2NC+1NO	XC SA702EX →	XC SC702EX →
Complete switch	  (4)	1NC+2NO	XC SA503EX →	XC SB503EX →
		2NC+1NO	XC SA703EX →	XC SC703EX →

(3) with IECEx/ATEX certified cable gland (4) if the sensor is not connected by a pipe, a certified cable gland must be added (not provided)

Accessories



Straight actuator



Wide actuator



Pivoting actuator



For safety switches XC SA/B/C	Actuators			Door lock
References	XC SZ01	XC SZ02	XC SZ03	XC SZ05