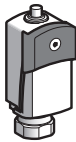



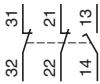
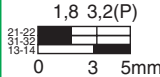
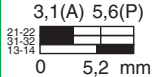
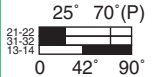
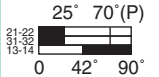


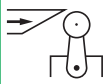


Type of head	Plunger		Rotary	
				
Type of operator	Metal end plunger	Steel roller plunger	Thermoplastic roller lever	Steel roller lever
<b>References of complete switches with 3-pole N.C. + N.C. + N.O. break before make, slow break contact</b>				
With 1/2" NPT cable entry	XCSD3710N12 ⊕	XCSD3702N12 ⊕	XCSD3718N12 ⊕	XCSD3719N12 ⊕
With ISO M20 x 1.5 cable entry	XCSD3710P20 ⊕	XCSD3702P20 ⊕	XCSD3718P20 ⊕	XCSD3719P20 ⊕
With Pg 13.5 cable entry	XCSD3710G13 ⊕	XCSD3702G13 ⊕	XCSD3718G13 ⊕	XCSD3719G13 ⊕
Weight oz (kg)	7.585 (0.215)	7.760 (0.220)	8.995 (0.255)	8.995 (0.255)

Contact functional diagrams	XCSD3710G13	XCSD3702G13	XCSD3718G13	XCSD3719G13
 <p>3-pole N.C. + N.C. + N.O. break before make, slow break contact</p>	 <p>1,8 3,2(P)</p>	 <p>3,1(A) 5,6(P)</p>	 <p>25° 70°(P)</p>	 <p>25° 70°(P)</p>

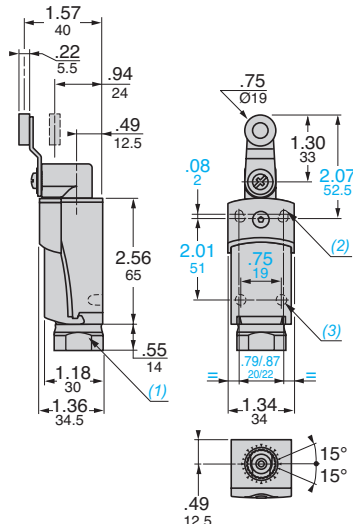
<p>■ contact closed (A) = cam displacement</p> <p>□ contact open (P) = positive opening point</p> <p>⊕ N.C. contact with positive opening operation</p>
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**Complementary characteristics not shown under general characteristics (page 3/79)**

Switch actuation	On end	By 30° cam	
Type of actuation			
Maximum actuation speed	1.64 ft/s (0.5 m/s)		4.9 ft/s (1.5 m/s)
Minimum force or torque	For tripping	3.72 lb (15 N)	2.70 lb (12 N)
	For positive opening	10.12 lb (45 N)	8.09 lb (36 N)
Conduit entry	1 entry tapped M20 x 1.5 mm for ISO cable gland, clamping capacity 7 to 13 mm 1 entry tapped Pg 13.5 for cable gland, clamping capacity 9 to 12 mm 1 entry tapped for 1/2" NPT (USAS B2-1) conduit		

**Dimensions**

XCSD3●18●●●, XCSD3●19●●●



- (1) Tapped entry for ISO M20 x 1.5 or Pg 13.5 cable gland or 1/2" NPT conduit.
- (2) 2 elongated holes Ø.17 x .25 in. (Ø 4.3 x 6.3 mm) on .87 in. (22 mm) centers or 2 holes Ø.17 in. (Ø 4.3 mm) on .79 in. (20 mm) centers.
- (3) .08 x Ø.12 in. (2 x Ø 3 mm) holes for studs, depth .16 in. (4 mm).

Dual Dimensions: INCHES  
Millimeters