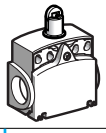
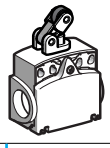
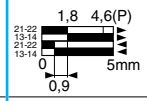
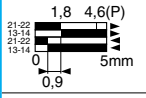
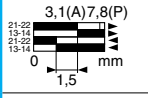
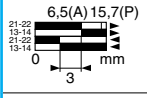
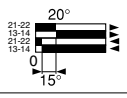
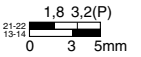
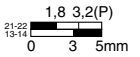
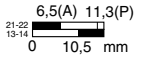
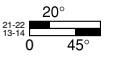
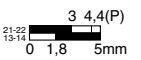
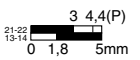
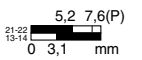
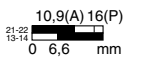
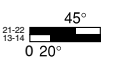
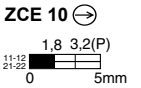
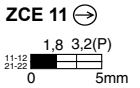
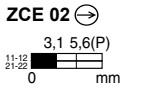
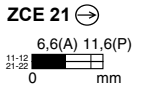
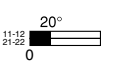
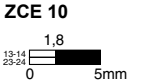
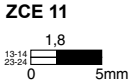
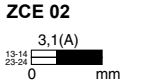
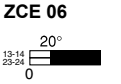
Limit switches

Osiswitch® Universal, **Osi**concept®

Compact design, plastic, type XCK T

Complete units with 2 ISO M16 x 1.5 cable entries

Type of head	**Plunger (fixing by the body)**				**Multi-directional**
	Form B *(1)*		**Form C** *(1)*	**Form E** *(1)*	
					
Type of operator	Metal end plunger	Metal end plunger with elastomer boot	Steel roller plunger	Thermoplastic roller lever plunger, horizontal actuation in 1 direction	"Cat's whisker" *(4)*
References *(2) (3)*					
2-pole N/C + N/O snap action (XE2S P3151)	**XCK T2110P16** ⊖ 	**XCK T2111P16** ⊖ 	**XCK T2102P16** ⊖ 	**XCK T2121P16** ⊖ 	**XCK T2106P16** 
2-pole N/C + N/O break before make, slow break (XE2N P3151)	**ZCT 25P16 + ZCE 10** ⊖ 	**ZCT 25P16 + ZCE 11** ⊖ 	**ZCT 25P16 + ZCE 02** ⊖ 	**ZCT 25P16 + ZCE 21** ⊖ 	**ZCT 25P16 + ZCE 06** 
2-pole N/C + N/O make before break, slow break (XE2N P3161)	**ZCT 26P16 + ZCE 10** ⊖ 	**ZCT 26P16 + ZCE 11** ⊖ 	**ZCT 26P16 + ZCE 02** ⊖ 	**ZCT 26P16 + ZCE 21** ⊖ 	**ZCT 26P16 + ZCE 06** 
2-pole N/C + N/C simultaneous, slow break (XE2N P3141)	**ZCT 27P16 + ZCE 10** ⊖ 	**ZCT 27P16 + ZCE 11** ⊖ 	**ZCT 27P16 + ZCE 02** ⊖ 	**ZCT 27P16 + ZCE 21** ⊖ 	**ZCT 27P16 + ZCE 06** 
2-pole N/O + N/O simultaneous, slow break (XE2N P3131)	**ZCT 28P16 + ZCE 10** 	**ZCT 28P16 + ZCE 11** 	**ZCT 28P16 + ZCE 02** 	**ZCT 28P16 + ZCE 21** 	**ZCT 28P16 + ZCE 06** 
Weight (kg)	0.100	0.100	0.105	0.115	0.095

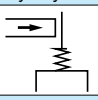
Contact operation

 contact closed *(A) = cam displacement*

 *contact open* *(P) = positive opening point*

⊖ *N/C contact with positive opening operation*

Characteristics

Switch actuation		On end	By 30° cam		By any moving part
Type of actuation					
Maximum actuation speed		0.5 m/s		1 m/s	1 m/s (any direction)
Mechanical durability (in millions of operating cycles)		15	10	15	5
Minimum force or torque	For tripping	15 N	12 N	6 N	0.3 N.m
	For positive opening	45 N	36 N	18 N	–
Cable entry *(3)*		2 entries tapped M16 x 1.5 for ISO cable gland. Clamping capacity 4 to 8 mm (1 entry fitted with blanking plug).			

(1) Form conforming to EN 50047, see page 31900/8.

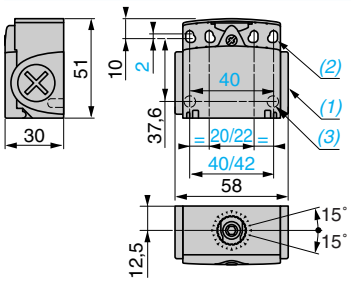
(2) Switches with gold contacts or ring connections: please consult our Regional Sales Office.

*(3) For cable entries tapped for a n° 11 cable gland, replace P16 in the reference by **G11**. Example: XCK T2110P16 becomes **XCK T2110G11**.*

(4) Value taken with actuation by moving part at 100 mm from the fixings.

Dimensions

ZCT 2●P16

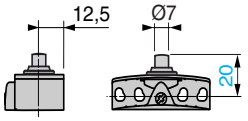


(1) 2 tapped entries for ISO M16 x 1.5 or Pg 11 cable gland.

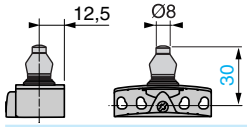
(2) 4 elongated holes Ø 4.3 x 6.3 mm on 22/42 mm ctrs., 4 holes Ø 4.3 on 20/40 mm ctrs.

(3) 2 x Ø 3 holes for support studs, depth 4 mm.

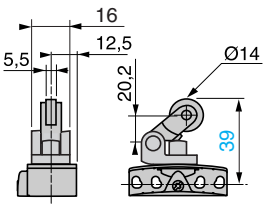
ZCE 10



ZCE 11



ZCE 21



ZCE 02

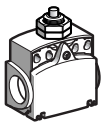
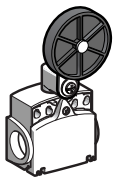
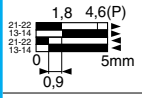
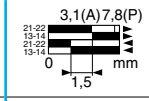
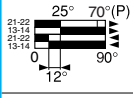
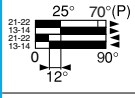
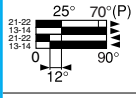
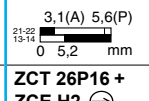
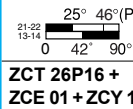
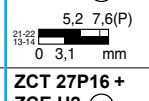
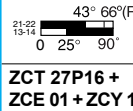
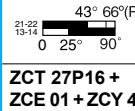
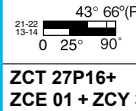
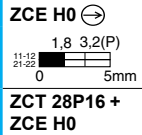
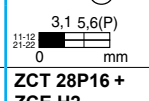
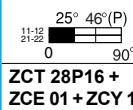
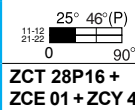
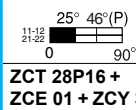
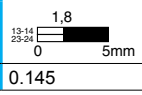
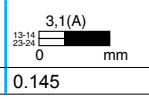
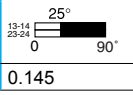
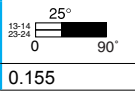
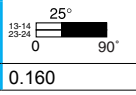
ZCE 06

Limit switches

Osiswitch® Universal, **Osi**concept®

Compact design, plastic, type XCK T

Complete units with 2 ISO M16 x 1.5 cable entries

Type of head	Plunger (fixing by the head)		Rotary (fixing by the body)		
			Form A *(1)*		
					
Type of operator	M18 with metal end plunger	M18 with steel roller plunger	Thermoplastic roller lever	Variable length thermoplastic roller lever	Thermoplastic roller lever, Ø 50 mm
References *(2) (3)*					
 **2-pole N/C + N/O snap action (XE2S P3151)**	**XCK T21H0P16** 	**XCK T21H2P16** 	**XCK T2118P16** 	**XCK T2145P16** 	**XCK T2139P16** 
 **2-pole N/C + N/O break before make, slow break (XE2N P3151)**	**ZCT 25P16 + ZCE H0** 	**ZCT 25P16 + ZCE H2** 	**ZCT 25P16 + ZCE 01 + ZCY 18** 	**ZCT 25P16 + ZCE 01 + ZCY 45** 	**ZCT 25P16+ ZCE 01 + ZCY 39** 
 **2-pole N/O + N/C make before break, slow break (XE2N P3161)**	**ZCT 26P16 + ZCE H0** 	**ZCT 26P16 + ZCE H2** 	**ZCT 26P16 + ZCE 01 + ZCY 18** 	**ZCT 26P16 + ZCE 01 + ZCY 45** 	**ZCT 26P16 + ZCE 01 + ZCY 39** 
 **2-pole N/C + N/C simultaneous, slow break (XE2N P3141)**	**ZCT 27P16 + ZCE H0** 	**ZCT 27P16 + ZCE H2** 	**ZCT 27P16 + ZCE 01 + ZCY 18** 	**ZCT 27P16 + ZCE 01 + ZCY 45** 	**ZCT 27P16+ ZCE 01 + ZCY 39** 
 **2-pole N/O + N/O simultaneous, slow break (XE2N P3131)**	**ZCT 28P16 + ZCE H0** 	**ZCT 28P16 + ZCE H2** 	**ZCT 28P16 + ZCE 01 + ZCY 18** 	**ZCT 28P16 + ZCE 01 + ZCY 45** 	**ZCT 28P16 + ZCE 01 + ZCY 39** 
Weight (kg)	0.145	0.145	0.145	0.155	0.160

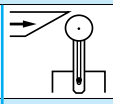
Contact operation

 *contact closed* *(A) = cam displacement*

 *contact open* *(P) = positive opening point*

⊖ *N/C contact with positive opening operation*

Characteristics

Switch actuation		On end	By 30° cam	
Type of actuation				
Maximum actuation speed		0.5 m/s		1.5 m/s
Mechanical durability		10 million operating cycles		
Minimum force or torque	For tripping	15 N	10 N	0.1 N.m
	For positive opening	45 N	36 N	0.25 N.m
Cable entry *(3)*		2 entries tapped M16 x 1.5 for ISO cable gland. Clamping capacity 4 to 8 mm (1 entry fitted with blanking plug).		

(1) Form conforming to EN 50047, see page 31900/8.

(2) Switches with gold contacts or ring type connections: please consult our Regional Sales Office.

*(3) For cable entries tapped for a n° 11 cable gland, replace P16 in the reference by **G11**. Example: XCK T21H0P16 becomes **XCK T21H0G11**.*

Dimensions

ZCE H0

ZCE H2

(4) Fixing nut thickness 3.5 mm

ZCE 01 + ZCY 18

ZCE 01 + ZCY 39

ZCE 01 + ZCY 45