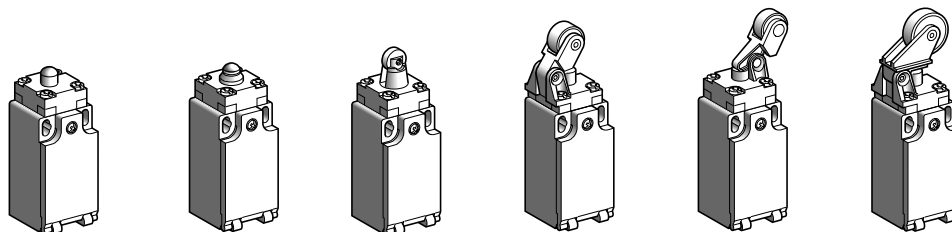


References, characteristics **Limit switches**

Double insulated, conforming to CENELEC EN 50047,
type XCK-P
Complete switches with 1 cable entry for n° 11 cable gland

Type of operating head	Plunger
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Type of operator	Metal end plunger	Steel end plunger with elastomer boot	Thermoplastic roller plunger	Thermoplastic roller lever plunger, 1 direction of actuation horizontal	vertical	horizontal or vertical
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References (⊖ N/C contact with positive opening operation)

2-pole 1 N/C + 1 N/O snap action (XES-P2151)		XCK-P110 ⊖	XCK-P111 ⊖	XCK-P102 ⊖	XCK-P121 ⊖	XCK-P127 ⊖	XCK-P128 ⊖
2-pole 1 N/C + 1 N/O break before make slow break (XEN-P2151)		XCK-P510 ⊖	XCK-P511 ⊖	XCK-P502 ⊖	XCK-P521 ⊖	XCK-P527 ⊖	XCK-P528 ⊖
2-pole 1 N/O + 1 N/C make before break slow break (XEN-P2161)		XCK-P610 ⊖	XCK-P611 ⊖	XCK-P602 ⊖	XCK-P621 ⊖	XCK-P627 ⊖	XCK-P628 ⊖
2-pole 1 N/C + 1 N/C simultaneous slow break (XEN-P2141)		XCK-P710 ⊖	XCK-P711 ⊖	XCK-P702 ⊖	XCK-P721 ⊖	XCK-P727 ⊖	XCK-P728 ⊖
2-pole 1 N/O + 1 N/O simultaneous slow break (XEN-P2131)		XCK-P810	XCK-P811	XCK-P802	XCK-P821	XCK-P827	XCK-P828
2-pole 1 N/C + 1 N/C snap action (XES-P2141)		XCK-P910 ⊖	XCK-P911 ⊖	XCK-P902 ⊖	XCK-P921 ⊖	XCK-P927 ⊖	XCK-P928 ⊖
Weight (kg)		0.055	0.055	0.055	0.060	0.060	0.060

Complementary characteristics not shown under General characteristics (page 32000/3)

Switch actuation	On end	By 30° cam	
Maximum actuation speed	0.5 m/s	0.3 m/s	1 m/s
Mechanical durability	15 million operating cycles	10 million operating cycles	15 million operating cycles
Minimum force for tripping	15 N	12 N	6 N
for positive opening	45 N	36 N	18 N
Cable entry	1 tapped entry for n° 11 cable gland conforming to NF C 68-300 (DIN Pg 11). Clamping capacity : 7 to 10 mm.		

Other versions Switches with gold flashed contacts.
Please consult your Regional Sales Office.

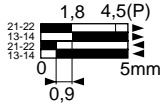
Limit switches

Double insulated, conforming to CENELEC EN 50047, type XCK-P
Complete switches with 1 cable entry for n° 11 cable gland

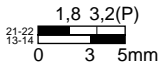
Setting-up
Type of actuation
XCK-P•10



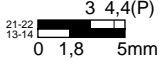
Function diagrams
XCK-P110



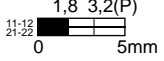
XCK-P510



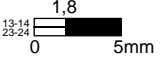
XCK-P610



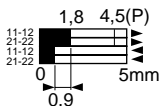
XCK-P710



XCK-P810



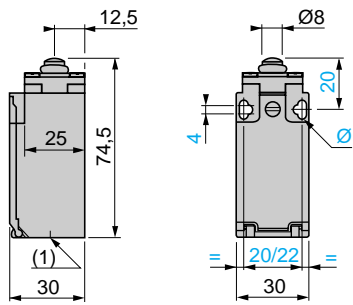
XCK-P910



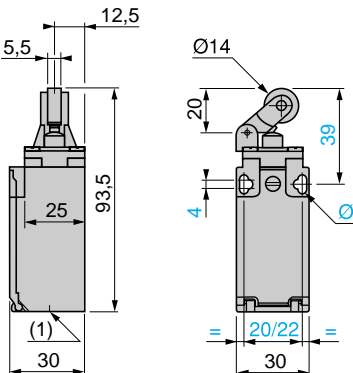
Contact operation
■ contact closed □ contact open

Dimensions

XCK-P•10



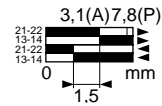
XCK-P•21



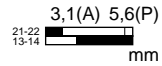
XCK-P•02



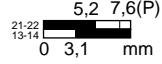
XCK-P102



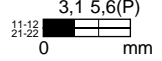
XCK-P502



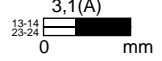
XCK-P602



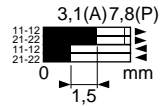
XCK-P702



XCK-P802

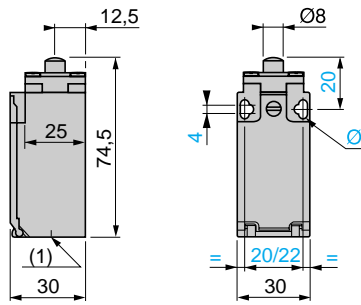


XCK-P902

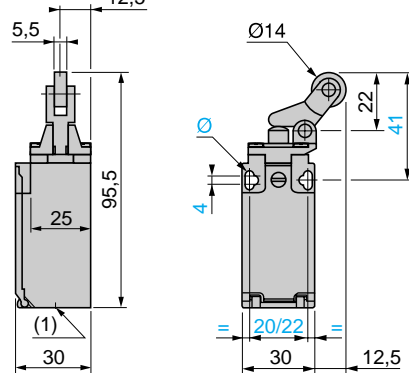


(A), (B) = cam displacement
(P) = positive opening point

XCK-P•11



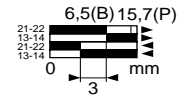
XCK-P•27



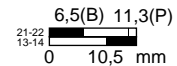
XCK-P•27



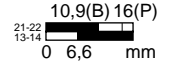
XCK-P127



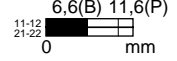
XCK-P527



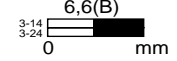
XCK-P627



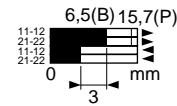
XCK-P727



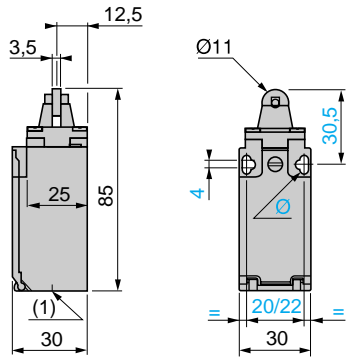
XCK-P827



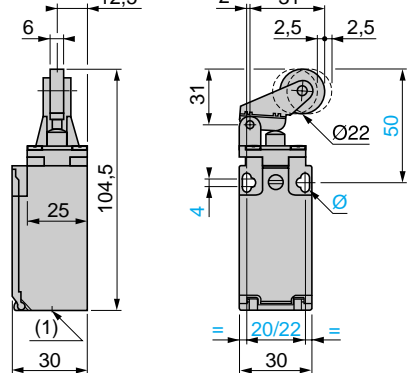
XCK-P927



XCK-P•02



XCK-P•28



(1) 1 cable entry, tapped for n° 11 cable gland

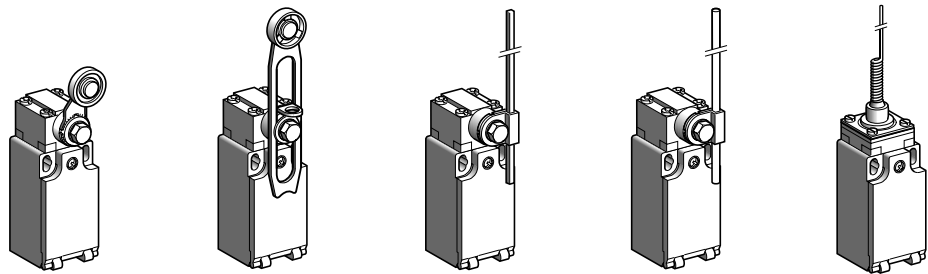
Ø : 2 elongated holes Ø 4.3 x 8.3 on 22 centres, 2 holes Ø 4.3 on 20 centres

References, characteristics **Limit switches**

Double insulated, conforming to CENELEC EN 50047,
type XCK-P

Complete switches with 1 cable entry for n° 11 cable gland

Type of operating head	Rotary	Multi-directional
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Type of operator	Thermoplastic roller lever (1)	Variable length thermoplastic roller lever (2)	Square rod Ø 3 mm steel (2)	Round rod Ø 3 mm glass fibre (2)	"Cat's whisker"
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(1) Adjustable throughout 360° in 5° steps, or in 90° steps by reversing the notched washer.
(2) Adjustable throughout 360° in 5° steps.

References (⊖ N/C contact with positive opening operation)

2-pole 1 N/C + 1 N/O snap action (XES-P2151)		XCK-P118 ⊖	XCK-P145	XCK-P154	XCK-P155	XCK-P106
2-pole 1 N/C + 1 N/O break before make slow break (XEN-P2151)		XCK-P518 ⊖	XCK-P545	XCK-P554	XCK-P555	XCK-P506
2-pole 1 N/O + 1 N/C make before break slow break (XEN-P2161)		XCK-P601+ZCK-Y18 ⊖	XCK-P601+ZCK-Y45	XCK-P601+ZCK-Y54	XCK-P601+ZCK-Y55	XCK-P606
2-pole 1 N/C + 1 N/C simultaneous slow break (XEN-P2141)		XCK-P701+ZCK-Y18 ⊖	XCK-P701+ZCK-Y45	XCK-P701+ZCK-Y54	XCK-P701+ZCK-Y55	XCK-P706
2-pole 1 N/O + 1 N/O simultaneous slow break (XEN-P2131)		XCK-P801+ZCK-Y18	XCK-P801+ZCK-Y45	XCK-P801+ZCK-Y54	XCK-P801+ZCK-Y55	XCK-P806
2-pole 1 N/C + 1 N/C snap action (XES-P2141)		XCK-P901+ZCK-Y18 ⊖	XCK-P901+ZCK-Y45	XCK-P901+ZCK-Y54	XCK-P901+ZCK-Y55	—
Weight (kg)	0.070	0.080	0.075	0.060	0.065	

Complementary characteristics not shown under General characteristics (page 32000/3)

Switch actuation	By 30° cam		By any moving part		
Maximum actuation speed	1.5 m/s	1.5 m/s	1 m/s	1 m/s	1 m/s in any direction
Mechanical durability	10 million operating cycles				5 million operating cycles
Minimum torque for tripping	0.1 N.m		0.13 N.m		
for positive opening	0.25 N.m	—	—		
Cable entry	1 tapped entry for n° 11 cable gland conforming to NF C 68-300 (DIN Pg 11). Clamping capacity : 7 to 10 mm.				

Other versions

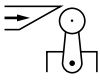
Switches with gold flashed contacts.
Please consult your Regional Sales Office.

Limit switches

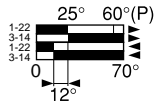
Double insulated, conforming to CENELEC EN 50047, type XCK-P
Complete switches with 1 cable entry for n° 11 cable gland

Setting-up

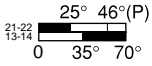
Type of actuation
XCK-P●18, ZCK-Y18



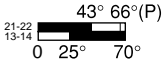
Function diagrams
XCK-P118



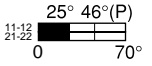
XCK-P518



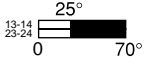
XCK-P601+ZCK-Y18



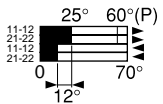
XCK-P701+ZCK-Y18



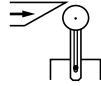
XCK-P801+ZCK-Y18



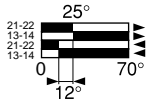
XCK-P901+ZCK-Y18



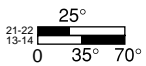
XCK-P●45, ZCK-Y45



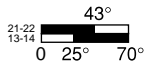
XCK-P145



XCK-P545



XCK-P601+ZCK-Y45



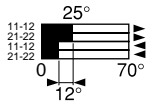
XCK-P701+ZCK-Y45



XCK-P801+ZCK-Y45



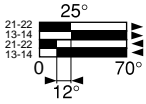
XCK-P901+ZCK-Y45



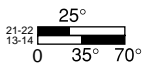
XCK-P●54, ZCK-Y54



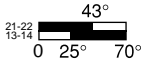
XCK-P154



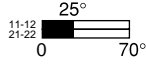
XCK-P554



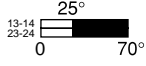
XCK-P601+ZCK-Y54



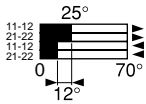
XCK-P701+ZCK-Y54



XCK-P801+ZCK-Y54



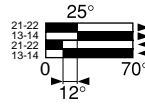
XCK-P901+ZCK-Y54



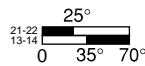
XCK-P●55, ZCK-Y55



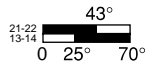
XCK-P155



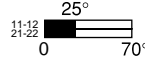
XCK-P555



XCK-P601+ZCK-Y55



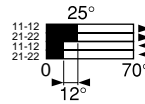
XCK-P701+ZCK-Y55



XCK-P801+ZCK-Y55



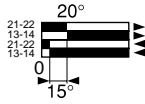
XCK-P901+ZCK-Y55



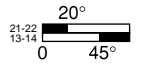
XCK-P●06



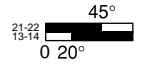
XCK-P106



XCK-P506



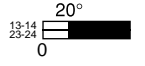
XCK-P606



XCK-P706



XCK-P806

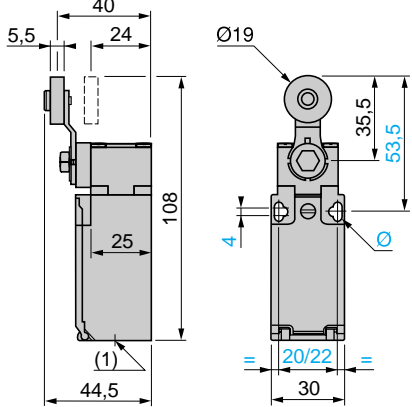


Contact operation
■ contact closed □ contact open

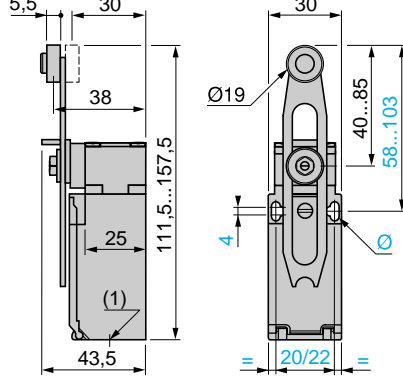
(P) = positive opening point

Dimensions

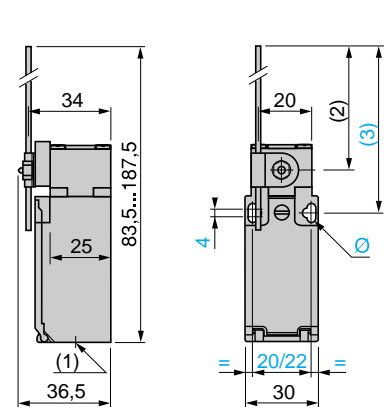
XCK-P●18, XCK-P●01 + ZCK-Y18



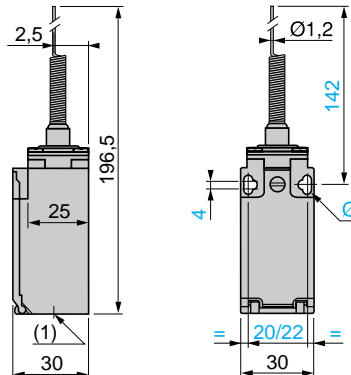
XCK-P●45, XCK-P●01 + ZCK-Y45



XCK-P●54, XCK-P●55, XCK-P●01 + ZCK-Y5●



XCK-P●06



(1) 1 cable entry, tapped for n° 11 cable gland

(2) 115 max.

(3) 133 max.

Ø : 2 elongated holes Ø 4.3 x 8.3 on 22 centres, 2 holes Ø 4.3 on 20 centres