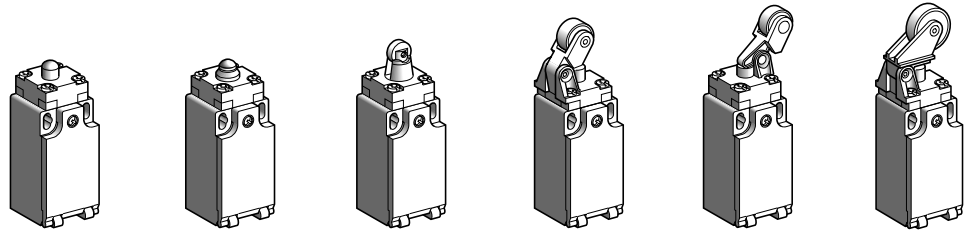


Limit switches

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

References, characteristics

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	Thermoplastic roller lever plunger, 1 direction of actuation vertical	Thermoplastic roller lever plunger, 1 direction of actuation 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
Minimum force 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

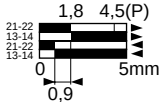
Setting-up, dimensions

Setting-up Type of actuation XCK-P●10

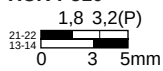


Function diagrams

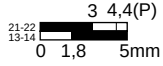
XCK-P110



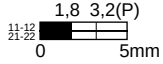
XCK-P510



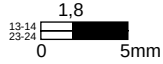
XCK-P610



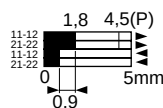
XCK-P710



XCK-P810

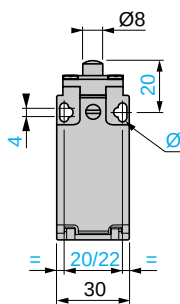
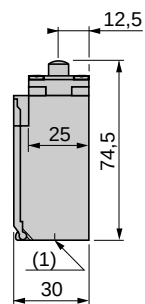


XCK-P910

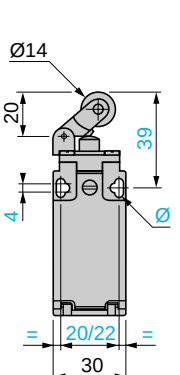
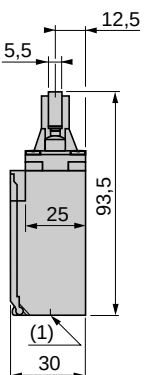


Contact operation
■ contact closed
□ contact open

Dimensions XCK-P●10



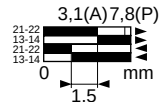
XCK-P●21



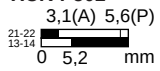
XCK-P●02



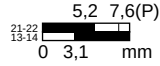
XCK-P102



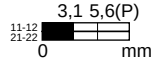
XCK-P502



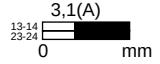
XCK-P602



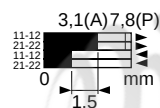
XCK-P702



XCK-P802

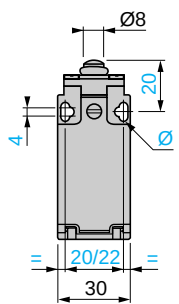
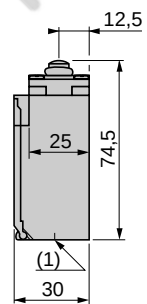


XCK-P902

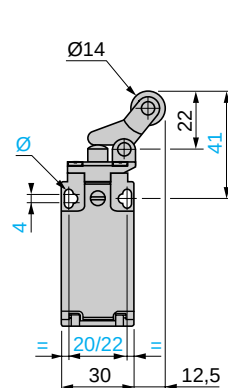
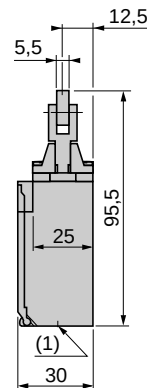


(A), (B) = cam displacement
(P) = positive opening point

XCK-P●11



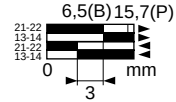
XCK-P●27



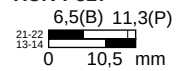
XCK-P●27



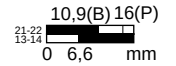
XCK-P127



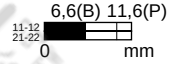
XCK-P527



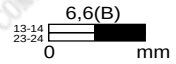
XCK-P627



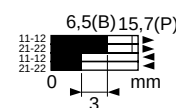
XCK-P727



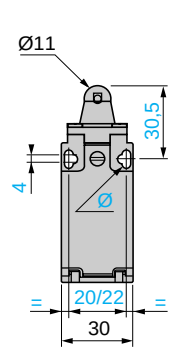
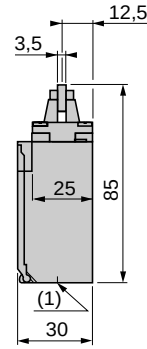
XCK-P827



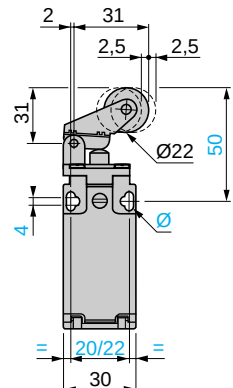
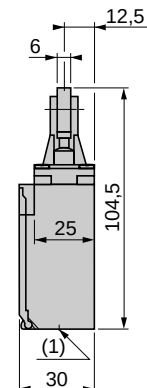
XCK-P927



XCK-P●28



XCK-P●28



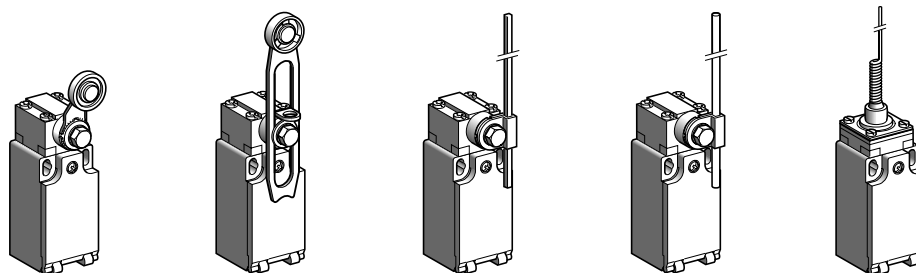
(1) 1 cable entry, tapped for n° 11 cable gland

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

Double insulated, conforming to CENELEC EN 50047, type XCK-P
Complete switches with cable entry for $\varnothing 11$ cable gland

Reference characteristics

Type of operating head	Rotary	Multidirectional
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Type of operator	Thermoplastic rotative (1)	Variable length thermoplastic rotative (2)	Square rod $\varnothing 3$ mm steel (2)	Round rod $\varnothing 3$ mm glass fibre (2)	"Catswhisker"
	(1) Adjustable throughout 860° (2) Adjustable throughout 860°	1/5 Steps in 90° 1/5 Steps	Steps by reversing the notched washer.		

References (N/C: Contact with positive opening operation)

2-pole 1N/C+1N/O snap action (XES-P2151)		XCK-P118 ⊕	XCK-P145	XCK-P154	XCK-P155	XCK-P106
2-pole 1N/C+1N/O break before make slow break (XEN-P2151)		XCK-P518 ⊕	XCK-P545	XCK-P554	XCK-P555	XCK-P506
2-pole 1N/O+1N/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 1N/C+1N/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 1N/O+1N/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 1N/C+1N/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 3200/3)

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

Other versions

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

Limit switches

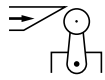
Double insulated, conforming to CENELEC EN 50047, type XCK-P
Complete switches with 1 cable entry for n° 11 cable gland

Setting-up, dimensions

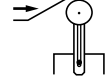
Setting-up

Type of actuation

XCK-P●18, ZCK-Y18



XCK-P●45, ZCK-Y45



XCK-P●54, ZCK-Y54



XCK-P●55, ZCK-Y55

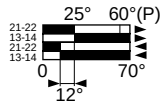


XCK-P●06

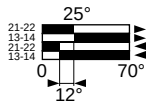


Function diagrams

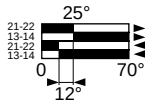
XCK-P118



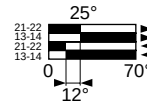
XCK-P145



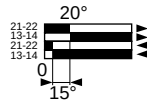
XCK-P154



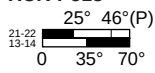
XCK-P155



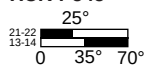
XCK-P106



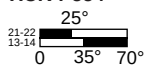
XCK-P518



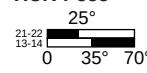
XCK-P545



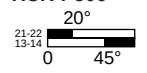
XCK-P554



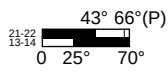
XCK-P555



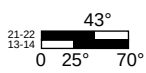
XCK-P506



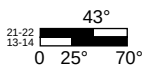
XCK-P601+ZCK-Y18



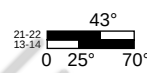
XCK-P601+ZCK-Y45



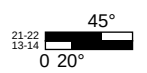
XCK-P601+ZCK-Y54



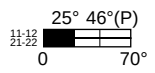
XCK-P601+ZCK-Y55



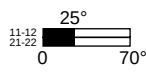
XCK-P606



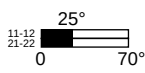
XCK-P701+ZCK-Y18



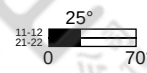
XCK-P701+ZCK-Y45



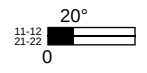
XCK-P701+ZCK-Y54



XCK-P701+ZCK-Y55



XCK-P706



XCK-P801+ZCK-Y18



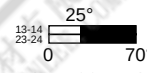
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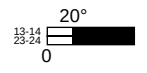
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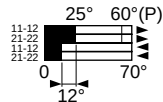
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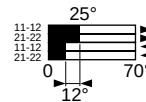
XCK-P806



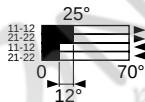
XCK-P901+ZCK-Y18



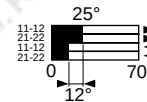
XCK-P901+ZCK-Y45



XCK-P901+ZCK-Y54



XCK-P901+ZCK-Y55

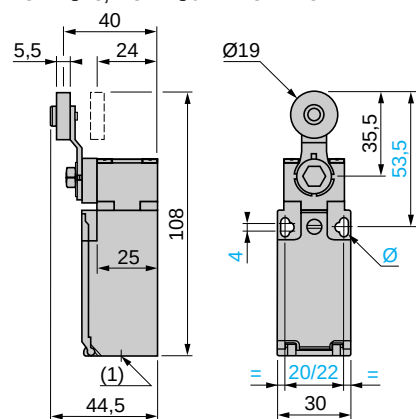


Contact operation
■ contact closed
□ contact open

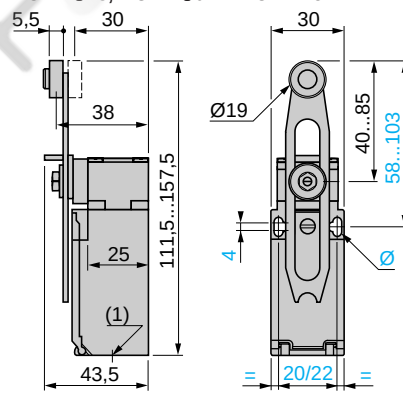
(P) = positive opening point

Dimensions

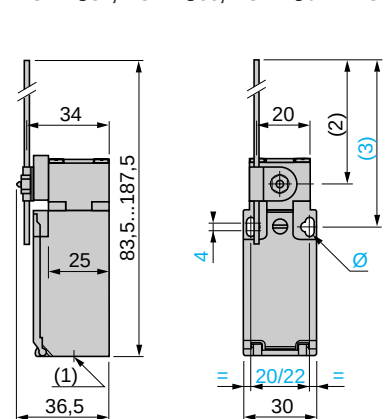
XCK-P●18, XCK-P●01 + ZCK-Y18



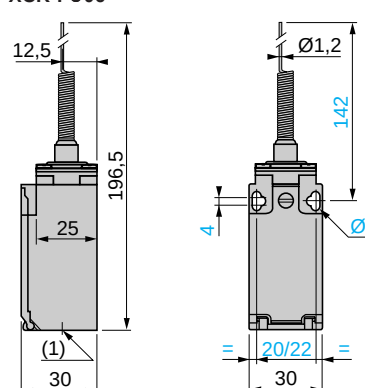
XCK-P●45, XCK-P●01 + ZCK-Y45



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