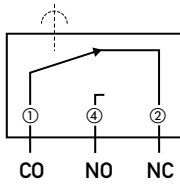


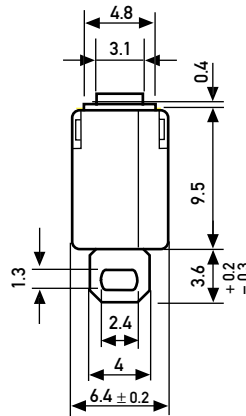
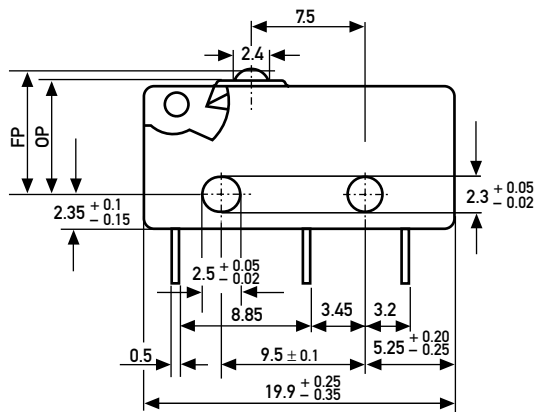
Specifications

Housing	Melamine-Formaldehyd, Thermosetting
Plunger	POM for T85, PBT for T125, PPS for T150
Mechanism	Snap-action system with stainless steel tension spring
Functions	Change-over, NO, NC
Contacts	Fine silver (Ag) or 10 µm Gold (Au), microprofile
Terminals	Solder, faston and various PCB terminals (side of housing or side of lid, as well as 1/10" o lin pitch)
Temperature range °C	Between -40°C and +85°C (special version up to 140°C)
Mechanical life	up to 5-10 ⁷ cycles (sinusoidal actuation)
Protection	Enclosure IP40
Mounting	Side mounting through mounting holes
Actuators	Stainless steel, PA66-GF35
Contact Carrier	CuZn or CuSn

Circuit diagram



Dimensions



FP = Free Position
OP = Operating Position

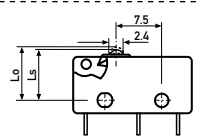
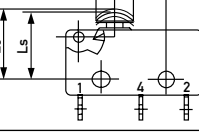
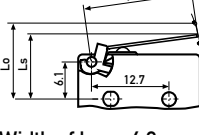
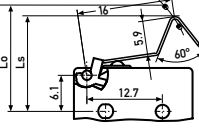
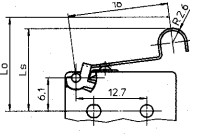
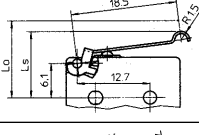
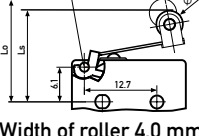
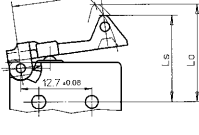
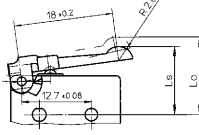
Recommended maximum electrical ratings

	Voltage (VAC)	Resistive load (A)	Motor load (A)	Approvals ENEC (A)		(VAC)	Approvals UL (A)		Motor load
								(VAC)	
XCF	250	10	3	10 (3)	1E4	250	10.1	125/250	¼HP
XCG	250	6	2	6 (2)	5E4	250	5	250	-
XCK	250	5	3	5 (3)	1E4	250	5	250	-
XCC	250	3	1	3 (1)	5E4	250	2	250	-
XCH	250	1.5	0.3	1.5 (0.3)	5E4	250	1	250	-

Breaking capacities in the tables refer to Ag contacts.

XC

Operating Characteristics

Actuator	Reference	Actuating Force		Release Force		Free Position		Operating Position		Movement Differential		Total travelled position		
		Maximum (N)	(ozf)	Minimum (N)	(ozf)	Maximum (mm)	(in)	Maximum (mm)	(in)	Maximum (mm)	(in)	Maximum (mm)	(in)	
	XCF..	3	10.70	0.5	1.78	8.8	0.34	8.4	$\left. \begin{array}{l} 0.33 \\ 0.33 \\ 0.33 \\ 0.33 \end{array} \right\} \begin{array}{l} +0.1 \\ -0.3 \end{array}$	$\left. \begin{array}{l} 0.33 \\ 0.33 \\ 0.33 \\ 0.33 \end{array} \right\} \begin{array}{l} +0.003 \\ -0.011 \end{array}$	0.1	0.003	7.7	0.303
	XCG..	1.7	6.07	0.3	1.07	8.8	0.34	8.4						
	XCK..	1.2	4.28	0.2	0.71	8.8	0.34	8.4						
	XCC..	0.6	2.14	0.1	0.36	8.8	0.34	8.4						
	XCH..	0.35	1.24	0.07	0.24	8.8	0.34	8.4						
	XCF..-U1	3	10.70	0.5	1.78	10.3	0.41	9.9	$\left. \begin{array}{l} 0.39 \\ 0.39 \\ 0.39 \\ 0.39 \end{array} \right\} \begin{array}{l} +0.1 \\ -0.3 \end{array}$	$\left. \begin{array}{l} 0.39 \\ 0.39 \\ 0.39 \\ 0.39 \end{array} \right\} \begin{array}{l} +0.003 \\ -0.011 \end{array}$	0.1	0.003	9.2	0.36
	XCG..-U1	1.7	6.07	0.3	1.07	10.3	0.41	9.9						
	XCK..-U1	1.2	4.28	0.2	0.71	10.3	0.41	9.9						
	XCC..-U1	0.6	2.14	0.1	0.36	10.3	0.41	9.9						
	XCH..-U1	0.35	1.24	0.07	0.24	10.3	0.41	9.9						
	XCF..	1.05	3.74	0.16	0.57	12.2	0.48	10.2 ± 1.0	0.401 ± 0.039	0.6	0.023	8.4	0.33	
	XCG..	0.6	2.14	0.08	0.28	12.2	0.48	10.2 ± 0.9						
	XCK..	0.42	1.49	0.056	0.19	12.2	0.48	10.3 ± 0.9						
	XCC..	0.22	0.78	0.025	0.08	12.2	0.48	10.3 ± 0.9						
	XCH..	0.13	0.46	0.02	0.07	12.2	0.48	10.4 ± 0.9						
Width of lever 4.0 mm/0.16 in														
	XCF..	1.1	3.92	0.17	0.6	17.6	0.69	15.6 ± 1.1	0.614 ± 0.043	0.6	0.023	14	0.551	
	XCG..	0.7	2.49	0.09	0.32	17.6	0.69	15.6 ± 1.0						
	XCK..	0.43	1.53	0.058	0.2	17.6	0.69	15.7 ± 1.0						
	XCC..	0.23	0.82	0.026	0.09	17.6	0.69	15.7 ± 1.0						
	XCH..	0.14	0.49	0.021	0.07	17.6	0.69	15.8 ± 1.0						
Width of lever 4.0 mm/0.16 in														
	XCF..	1.05		0.16		17.1		15.1 ± 1.1	0.6			13.3		
	XCG..	0.6		0.08		17.1		15.1 ± 1.0						
	XCK..	0.42		0.056		17.1		15.2 ± 1.0						
	XCC..	0.22		0.025		17.1		15.2 ± 1.0						
	XCH..	0.13		0.02		17.1		15.3 ± 1.0						
	XCF..	1.05		0.16		13.7		11.7 ± 1.1	0.6			9.9		
	XCG..	0.6		0.08		13.7		11.7 ± 1.0						
	XCK..	0.42		0.056		13.7		11.8 ± 1.0						
	XCC..	0.22		0.025		13.7		11.8 ± 1.0						
	XCH..	0.13		0.02		13.7		11.9 ± 1.0						
	XCF..	1.1	3.92	0.17	0.6	17.6	0.69	15.6 ± 1.2	0.614 ± 0.047	0.6	0.023	14.1	0.555	
	XCG..	0.7	2.49	0.09	0.32	17.6	0.69	15.6 ± 1.1						
	XCK..	0.43	1.53	0.058	0.2	17.6	0.69	15.7 ± 1.1						
	XCC..	0.23	0.82	0.026	0.09	17.6	0.69	15.7 ± 1.1						
	XCH..	0.14	0.49	0.021	0.07	17.6	0.69	15.8 ± 1.1						
Width of roller 4.0 mm/0.16 in. for high temperature use -T1 lever														
	XCF..	1.3	4.62	0.17	0.6	17.6	0.69	15.6 ± 1.1	0.614 ± 0.043	0.6	0.023	14	0.551	
	XCG..	0.75	2.67	0.09	0.32	17.6	0.69	15.6 ± 1.0						
	XCK..	0.6	2.13	0.058	0.2	17.6	0.69	15.7 ± 1.0						
	XCC..	0.31	1.10	0.026	0.09	17.6	0.69	15.7 ± 1.1						
	XCH..	0.22	0.78	0.021	0.07	17.6	0.69	15.8 ± 1.0						
	XCF..	1.05	3.74	0.16	0.57	14.3	0.56	12.5 ± 1.1	0.49 ± 0.043	0.6	0.023	10.6	0.417	
	XCG..	0.6	2.13	0.08	0.28	14.3	0.56	12.5 ± 1.0						
	XCK..	0.42	1.49	0.056	0.21	14.3	0.56	12.6 ± 1.0						
	XCC..	0.22	0.78	0.025	0.11	14.3	0.56	12.6 ± 1.0						
	XCH..	0.13	0.46	0.02	0.07	14.3	0.56	12.7 ± 1.0						