



## XC

<b>Type</b>	<ul style="list-style-type: none"> <li>• Switches</li> </ul>
<b>Product type</b>	<ul style="list-style-type: none"> <li>• Saia Submini Micro switch</li> </ul>
<b>Typical markets</b>	<ul style="list-style-type: none"> <li>• home appliances</li> <li>• leisure &amp; fitness</li> <li>• business machines</li> <li>• building automation &amp; security</li> <li>• distribution</li> </ul>
<b>Typical applications</b>	<ul style="list-style-type: none"> <li>• home coffee automate with grinders</li> <li>• vending machines</li> <li>• circuit breakers</li> <li>• ATM (automated teller machine)</li> <li>• doors, building entrances</li> <li>• gates, vehicle entrances</li> <li>• gaming machines</li> <li>• international catalog distributors</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 19.9 x 9.5 x 6.4 mm</li> </ul>
<b>Characteristics</b>	<ul style="list-style-type: none"> <li>• wide range of forces and variants</li> <li>• long mechanical and electrical life</li> <li>• solder, faston and PCB terminals</li> </ul>
<b>Rating</b>	<ul style="list-style-type: none"> <li>• 250 VAC, 10 A max.</li> </ul>



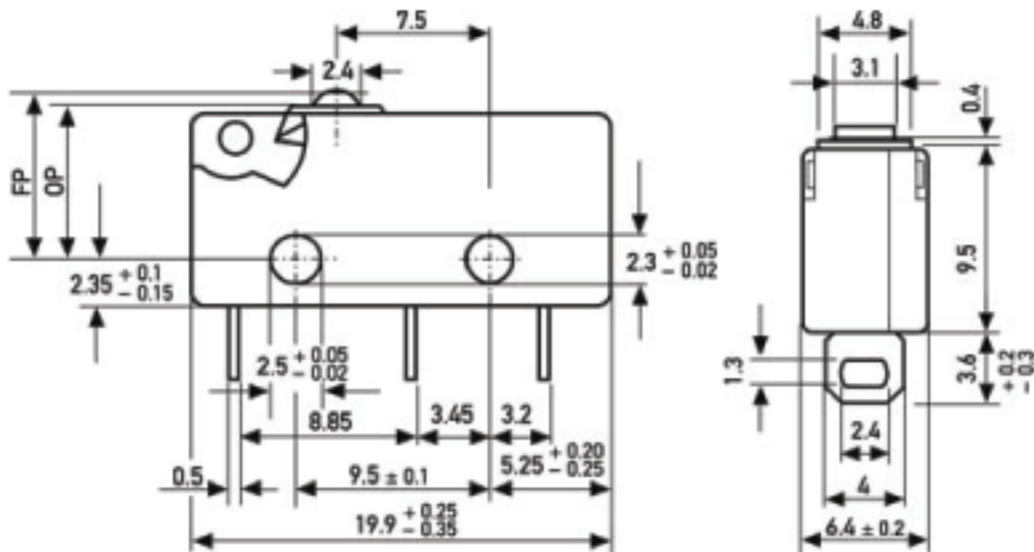
## Actuators

- plunger
- mushroom plunger reset
- plain lever
- simulated roller lever / cam follower
- roller lever

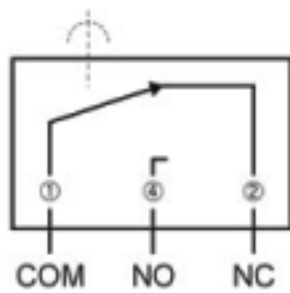
## Approvals/Quality

- ENEC
- UL
- cUL
- CSA

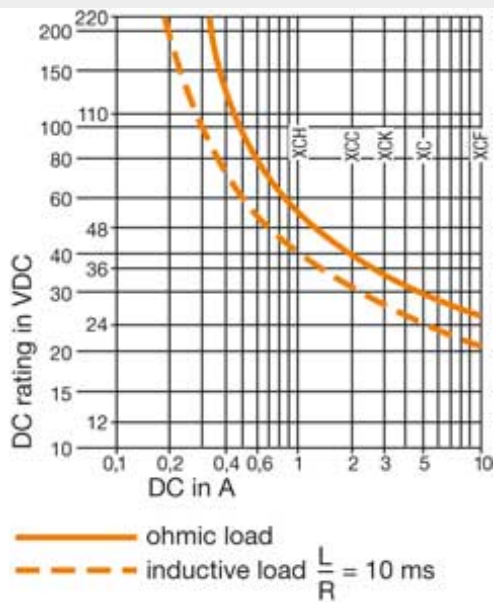
## Dimensions



## Circuits



## Performance



### Preferred range

Partnumber	Terminal	Actuator	Electrical rating @	
			ENEC	UL/CSA
<u>XCG3Z1</u>	solder	plunger	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCG5Z1</u>	faston 2.8 x 0.5 mm	plunger	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCF3Z1</u>	solder	plunger	250 VAC 10 (3) A, 1E4 A	250 VAC 10.1 A
<u>XCG3-U1Z1</u>	solder	mushroom plunger	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCG4-U1Z1</u>	faston 2.8 x 0.5 mm	mushroom plunger	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCG8-U1Z1</u>	PCB	mushroom plunger	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCG3-J1Z1</u>	solder	plain lever 18.0 mm	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCG5-J1Z1</u>	faston 2.8 x 0.5 mm	plain lever 18.0 mm	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A
<u>XCF3-J1Z1</u>	solder	plain lever 18.0 mm	250 VAC 10 (3) A, 1E4 A	250 VAC 10.1 A
<u>XCG8-81Z1</u>	PCB	plunger	30 VAC 0.3 (0.1) A, 5E4 A	125 VAC 0.1 A
<u>XCG8-81J1Z1</u>	PCB	plain lever 18.0 mm	30 VAC 0.3 (0.1) A, 5E4 A	125 VAC 0.1 A
<u>XCG3-S1Z1</u>	solder	roller lever 16.0 mm	250 VAC 6 (2) A, 5E4 A	250 VAC 5 A



## XCG3-S1Z1

<b>Dimensions</b>	19.9 mm
<b>Dimensions</b>	9.5 mm
<b>Dimensions</b>	6.4 mm
<b>Terminal</b>	solder
<b>Circuit</b>	CO
<b>Actuator</b>	roller lever 16.0 mm
<b>Contacts</b>	Ag
<b>Electrical rating ENEC</b>	250 VAC
<b>Electrical rating UL/CSA</b>	250 VAC
<b>Actuating force</b>	0.7 Nm
<b>Release force</b>	0.09 N
<b>Free position (FP)</b>	17.6 mm
<b>Operating position (OP)</b>	15.6 ±1.1 mm
<b>Movement differential</b>	0.5 mm
<b>Total travel position (TP)</b>	14.2 mm