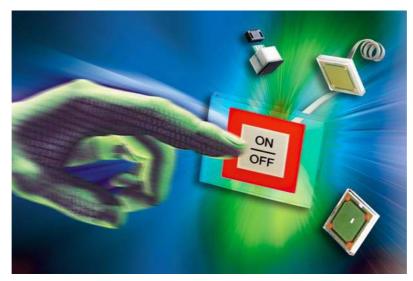
SCHURTER

Capacitive Switch with Variable Overlay

Pressure-free operation of input systems is made possible by the new range of capacitive switches. The switches are activated without force by touching the front. Used behind various overlay materials, the switches provide a whole range of advantages:

- Wear-free
- Operation possible under dust, dirt, moisture and heat conditions
- Use of glass, marble, granite, plastics or wood as touch surface
- Reliable switching even with vibrations
- Adaptive function for adaptation of switching threshold to ambient conditions
- Compensation of electromagnetic influences
- Control of switching sensitivity
- Point illumination for CSE 25 uG
- Smallest switch dimensions 15 x 15 mm with the CSE 15 uG



The switches are available with two different external dimensions: CSE25 uG (25 x 25 mm) and CSE 15uG (15 x 15 mm).

Variation	Sensitivity Supply voltag		Supply voltage	
CSE15 uG momentary	1243.7000	minimal	5-24V	
CSE15 uG momentary	1243.7001	middle	5-24V	
CSE15 uG momentary	1243.7002	maximal	5-24V	
CSE15 uG latching	1243.7003	minimal	5-24V	
CSE15 uG latching	1243.7004	middle	5-24V	
CSE15 uG latching	1243.7005	maximal	5-24V	
Variation	red illuminated	green illuminated	Supply voltage	
CSE25 uG latching	1243.5203.11	1243.5203.21	7,5-24V	
CSE25 uG momentary	1243.5303.11	1243.5303.21	7,5-24V	
CSE25 uG latching	1243.5213.11	1243.5213.21	5-20V	
CSE25 uG momentary	1243.5313.11	1243.5313.21	5-20V	

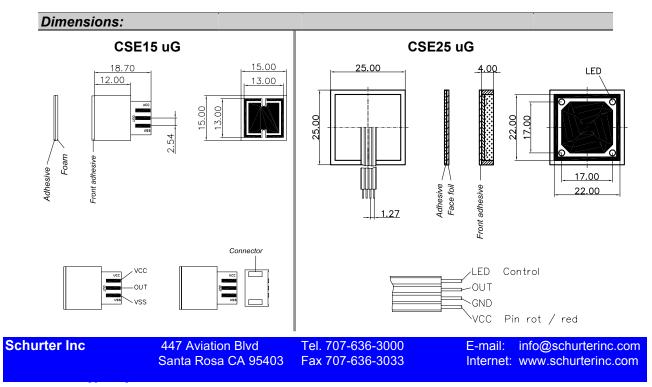
See overleaf for technical data

Schurter Inc

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Technical Data

Electrical data				
Supply voltage	V _{cc}	+5+24	[V]	
Switching current	I _{out,max}	175	[mA]	
Rated breaking capacity	P _{max}	250	[mW]	
Function		Latching switch		
Output		Momentary switch NPN	Max. 60 s 	
Climatic data:				
Operating temperature	T _A	-20+85	[°C]	
Storage temperature	T _{store}	-20+85	[°C]	
Remark:		flowing water may temporarily influence the function		
Miscellaneous:				
Fixing		Self-adhesive		
Connection	CSE15 uG	PCB connector		
	CSE25 uG	4-conductor ribbon cable 210 mm		
Accessories	CSE15 uG	Samtec PCB connector ASP-66875-01		
	CSE25 uG	AMP connector HE 14 281786-4		
	CSE15 uG CSE25 uG	Printed design foil for use behind glass		
Supplies (order separately)	0098.9229	Connector		
	0098.9230	Element for balancing differences		



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