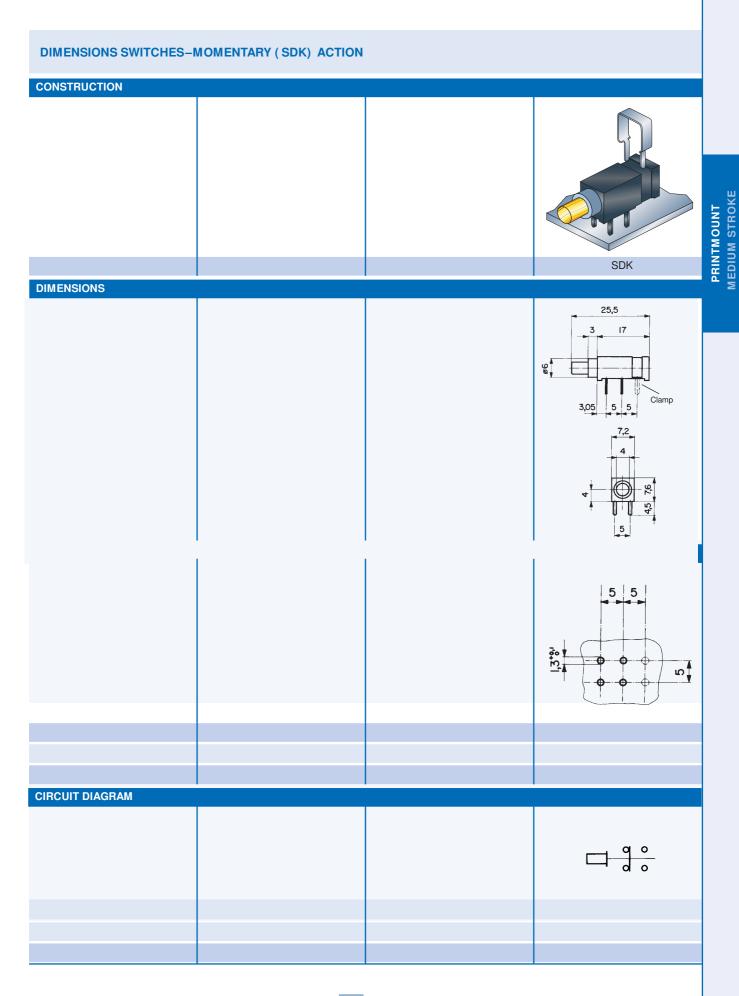
## **SCHURTER**

## DATA SWITCHES-MOMENTARY (SDK) ACTION



		SDK	
Electrical data		SDR	
Switching voltage max.	[V]	50 DC/125 AC	
Switching current max.		silvers2 A AC / 1.2 A DC	
Ŭ		gold 80mA/AC DC	
Lifetime (at rated breaking capacity)		>10 <sup>5</sup>	
Initial contact resistance, new	<b>[m</b> Ω]	silver <10 / gold <20	
Initial contact resistance, after lifetime	<b>[m</b> Ω]		
Insulation resistance	<b>[</b> Ω <b>]</b>	>109	
Contact bounce time	[ms]		
Mechanical data			
Actuating force	P 40 <b>[N]</b>	3-5	
Contact travel	10 [mm]	2.4 ± 0.3	
End contact travel	[mm]	3.3 ± 0.4	
End stop strength	[N]	>100	
	erations]	>2 x 10 <sup>5</sup>	
Other data	inationio]		
Degree of protection		IP 40	
Degree of protection Soldering method		IP 40 Wave soldering	
Degree of protection Soldering method		IP 40 Wave soldering	
	[ºC/s]		
Soldering method	[ºC/s]	Wave soldering	
Soldering method	[ºC/s]	Wave soldering	
Soldering method	[ºC/s]	Wave soldering	
Soldering method Soldering heat resistance		Wave soldering	
Soldering method Soldering heat resistance Ambient temperature	[ºC]	Wave soldering 248,5/1	
Soldering method Soldering heat resistance Ambient temperature Storage temperature		Wave soldering 248,5/1 -40 - +85	
Soldering method Soldering heat resistance Ambient temperature	[ºC]	Wave soldering 248,5/1 -40 - +85	
Soldering method Soldering heat resistance Ambient temperature Storage temperature	[ºC]	Wave soldering 248,5/1 -40 - +85	
Soldering method Soldering heat resistance Ambient temperature Storage temperature Cleaning agent proof	[ºC]	Wave soldering 248,5/1 -40 - +85	
Soldering method Soldering heat resistance Ambient temperature Storage temperature Cleaning agent proof Materials	[ºC]	Wave soldering 248,5/1 -40 - +85 -40 - +85	
Soldering method Soldering heat resistance Ambient temperature Storage temperature Cleaning agent proof Materials Socket, cover, contact unit, carrier ring	[ºC]	Wave soldering 248,5/1 -40 - +85 -40 - +85 Thermoplast PC	
Soldering method Soldering heat resistance Ambient temperature Storage temperature Cleaning agent proof Materials Socket, cover, contact unit, carrier ring Button non-illuminated	[ºC]	Wave soldering 248,5/1 -40 - +85 -40 - +85 Thermoplast PC	
Soldering method Soldering heat resistance Ambient temperature Storage temperature Cleaning agent proof Materials Socket, cover, contact unit, carrier ring Button non-illuminated Button illuminated	[ºC]	Wave soldering 248,5/1 -40 - +85 -40 - +85 Thermoplast PC	

LED, see page 29



## 

SDK SWITCHES-MON	IENTARY ACTION-NON	- ILLUMINATED		
			SDK	SDK
FEATURES				
Illumination			non-illuminated	non-illuminated
Degree of protection			IP 40	IP 40
Contact material			Ag	Au
PART NUMBER *				
Switching functions Switching functions NC/NO Terminal types Colour of small button red green			0041.040 X	0041.041 x 2
black			1	1
Clamp for SDK			0701.0049	0701.0049
Terminal types:			SDK Clamp	SDK Clamp

\* X in the Part No. must be replaced by the desired version