

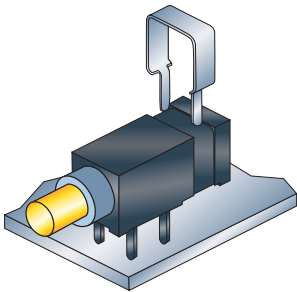
DATA SWITCHES – MOMENTARY (SDK) ACTION


		SDK	
Electrical data			
Switching voltage max.	[V]	50 DC / 125 AC	
Switching current max.		silver 2 A AC / 1.2 A DC gold 80 mA / AC DC	
Lifetime (at rated breaking capacity)		> 10 ⁵	
Initial contact resistance, new	[mΩ]	silver < 10 / gold < 20	
Initial contact resistance, after lifetime	[mΩ]		
Insulation resistance	[Ω]	> 10 ⁹	
Contact bounce time	[ms]		
Mechanical data			
Actuating force	IP 40 [N]	3 – 5	
Contact travel	NO [mm]	2.4 ± 0.3	
End contact travel	[mm]	3.3 ± 0.4	
End stop strength	[N]	> 100	
Lifetime	[operations]	> 2 x 10 ⁵	
Other data			
Degree of protection		IP 40	
Soldering method		Wave soldering	
Soldering heat resistance	[°C/s]	248,5/1	
Ambient temperature	[°C]	-40 – +85	
Storage temperature	[°C]	-40 – +85	
Cleaning agent proof			
Materials			
Socket, cover, contact unit, carrier ring		Thermoplast PC	
Button non-illuminated		Thermoplast PC	
Button illuminated			
Sealing ring			
Terminals			
Contacts	CuBe2 HM, 5µm Ag	gold (2µ Au on hard silver)	

LED, see page 29

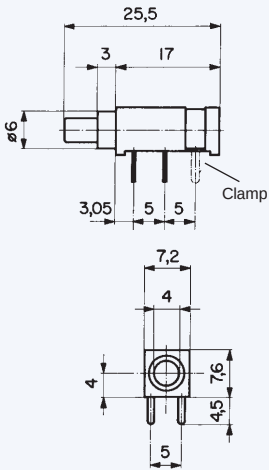
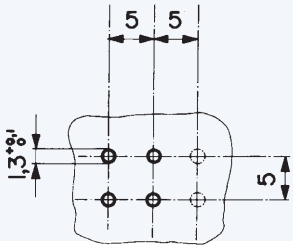
DIMENSIONS SWITCHES-MOMENTARY (SDK) ACTION

CONSTRUCTION



SDK

DIMENSIONS



CIRCUIT DIAGRAM

