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, 5 µm Ag	gold (2µ Au on hard silver)	

LED, see page 29

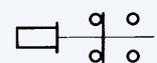# DIMENSIONS SWITCHES–MOMENTARY (SDK) ACTION

CONSTRUCTION

SDK

DIMENSIONS

25,5

3   I7

ø6

3,05   5   5   Clamp

7,2

4

4   7,6

4,5

5

5   5

1,3

5
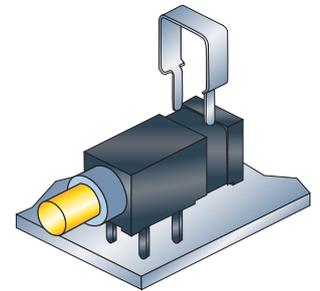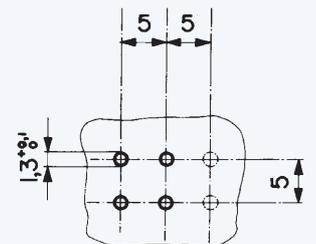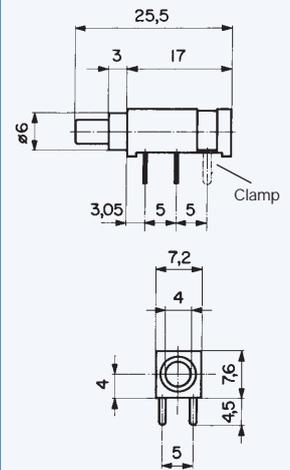
CIRCUIT DIAGRAM

SDK SWITCHES – MOMENTARY 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			
NC/NO		0041.040 x	0041.041 x
Terminal types			
Colour of small button			
red		2	2
green			
black		1	1
Addition			
Clamp for SDK		0701.0049	0701.0049
Terminal types:		SDK Clamp	SDK Clamp
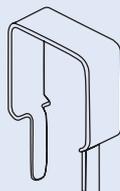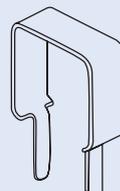
* X in the Part No. must be replaced by the desired version