



**FEATURES**

- Rugged design
- Protection against vandalism
- Best quality and long lifetime due to high-quality materials
- Reliable tactile feedback on input
- Excellent price-performance ratio
- Versatile colour design and lettering

Type		MCS 19	MCS 30	SSM
<b>Electrical Data</b>				
Switching Voltage min.	[VDC]	4	4	3
Switching Voltage max.	[VDC]	48	48	50
Switching Current max.	[mA]	125	125	50
Rated Breaking Capacity	[W]	1.2	1.2	2.5
Lifetime (at Rated Breaking Capacity)	[mill.]	1	1	5
Initial Contact Resistance new	[mΩ]	< 50	< 50	
Initial Contact Resistance (after Lifetime)	[mΩ]	< 150	< 150	
Insulation Resistance	[MΩ]	> 100	> 100	
Duration of Bounce	[ms]	< 5	< 5	< 1
Supply Voltage Ring Illumination	[VDC]	24	24	
LED Data Point Illumination		see page 39		
Switching Function		N.O.	N.O.	N.O.
<b>Mechanical Data</b>				
Actuating Force	[N]	3.7	3.7	2.8
Actuating Travel	[mm]	0.4	0.4	0.3
Lifetime mechanical	[mill.]	1	1	5
Starting Torque (with Sealing Ring)	[Nm]	0.4		
IK Protection Class (Shock Protection)	[IK]	IK 05	IK 05	IK 07
<b>Climatical Data</b>				
Operating Temperature	[°C]	-20 to +60	-25 to +60	-25 to +85
Storage Temperature	[°C]	-20 to +60	-25 to +60	-25 to +85
IP Protection Class Front Side	[IP]	IP 40	IP 40	IP 65
IP Protection Class Contact Area	[IP]	IP 65	IP 65	IP 65

In addition to the standard types, additional versions as well as laser lettering are available on request. Starting with catalogue page 36 you will find an overview of the various designs.



MCS 19 Zinc



MCS 19 Zinc/Stainless Steel



MCS 19 Stainless Steel

**Characteristics**

Mounting Diameter [mm]	19	19	19
Housing Material	Zinc Diecasting	Zinc Diecasting	Stainless Steel
Actuator Material	Zinc Diecasting	Stainless Steel	Stainless Steel
Illumination	non-illuminated	non-illuminated	non-illuminated
Accessories	All switches are supplied with nut and o-ring seal.		

**Order Number**

Terminal			
Pins	1241.2800	1241.2805	1241.2820
Pins with Soldering Aid	1241.2801	1241.2806	1241.2821
Clip for Pins	1241.2802	1241.2807	1241.2822

**Drawing**

- A Illumination Area
- B Actuating Area
- C Width Across Flats
- E Pins
- F Pins with Soldering Aid
- G Clip for Pins

