

## SLM Series - Metal Body

### Product selection

Article number	Designation	Locking action	Contacts		Supply voltage	Additional function
			Actuator	Interlock		
601.7119.020	SLM-FVTW 24DC-55-AR	Spring	1NC / 1NO	1NC / 1NO	24 Volt DC	Auxiliary release
601.7169.067	SLM-FVTW 24DC-22-AR	Spring	2 NC	2 NC	24 Volt DC	Auxiliary release
601.7119.047	SLM-FVTW 24DC-55-KR	Spring	1NC / 1NO	1NC / 1NO	24 Volt DC	With key release
601.7169.023	SLM-FVTW 24AC-22-AR	Spring	2 NC	2 NC	24 Volt AC	Auxiliary release
601.7119.032	SLM-FVTW 120AC-55-AR	Spring	1NC / 1NO	1NC / 1NO	120 Volt AC	Auxiliary release
601.7119.022	SLM-FVTW 230AC-55-AR	Spring	1NC / 1NO	1NC / 1NO	230 Volt AC	Auxiliary release
601.7169.066	SLM-MVTW 24DC-22	Magnet	2 NC	2 NC	24 Volt DC	
601.7119.023	SLM-MVTW 24DC-55	Magnet	1NC / 1NO	1NC / 1NO	24 Volt DC	
601.7119.024	SLM-MVTW 230AC-55	Magnet	1NC / 1NO	1NC / 1NO	230 Volt AC	

\* Energize Solenoid to Unlock    \*\* Energize Solenoid to Lock

Technical data	Spring 24 Volt DC	Spring 120 Volt AC	Spring 230 Volt AC	Magnet 24 Volt DC	Magnet 230 Volt AC
<b>Electrical data</b>					
Rated insulation voltage $U_i$	250 V	250 V	250 V	250 V	250 V
Utilization category	AC-12, $U_e / I_e$ 250 V / 10 A AC-15, $U_e / I_e$ 230 V / 4 A	AC-12, $U_e / I_e$ 250 V / 10 A AC-15, $U_e / I_e$ 230 V / 4 A	AC-12, $U_e / I_e$ 250 V / 10 A AC-15, $U_e / I_e$ 230 V / 4 A	AC-12, $U_e / I_e$ 250 V / 10 A AC-15, $U_e / I_e$ 230 V / 4 A	AC-12, $U_e / I_e$ 250 V / 10 A AC-15, $U_e / I_e$ 230 V / 4 A
Conventional thermal current $I_{the}$	5 A	5 A	5 A	5 A	5 A
Short-circuit protection	10 A gL/gG	10 A gL/gG	10 A gL/gG	10 A gL/gG	10 A gL/gG
Protection class	I	I	I	I	I
<b>Electromagnet</b>					
Duty factor	100 % ED	100 % ED	100 % ED	100 % ED	100 % ED
Thermal class	B (130 °C)	B (130 °C)	B (130 °C)	B (130 °C)	B (130 °C)
Continuous power	5.2 W	5.2 W	5.2 W	5.2 W	5.2 W
Operating voltage	24 V DC	120 V AC	230 V AC	24 V DC	230 V AC
<b>Mechanical data</b>					
Enclosure	Al die-cast	Al die-cast	Al die-cast	Al die-cast	Al die-cast
Cover	Sheet aluminum	Sheet aluminum	Sheet aluminum	Sheet aluminum	Sheet aluminum
Actuator	ZN die-cast	Al die-cast	Al die-cast	Al die-cast	Al die-cast
Ambient temperature	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C
Switching principle	4 Slow-action contacts	4 Slow-action contacts	4 Slow-action contacts	4 Slow-action contacts	4 Slow-action contacts
Mechanical service life	1 x 10 <sup>6</sup> switching cycles	1 x 10 <sup>6</sup> switching cycles	1 x 10 <sup>6</sup> switching cycles	1 x 10 <sup>6</sup> switching cycles	1 x 10 <sup>6</sup> switching cycles
B10d	2 mill.	2 mill.	2 mill.	2 mill.	2 mill.
Minimum actuating radius $R_{min}$	400 mm	400 mm	400 mm	400 mm	400 mm
Approach speed $V_{max}$	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Mounting	3 x M5	3 x M5	3 x M5	3 x M5	3 x M5
Cross sections	0.5 - 1.5 mm <sup>2</sup>	0.5 - 1.5 mm <sup>2</sup>	0.5 - 1.5 mm <sup>2</sup>	0.5 - 1.5 mm <sup>2</sup>	0.5 - 1.5 mm <sup>2</sup>
Type of connection	Screws	Screws	Screws	Screws	Screws
Cable entry	2 x M20 x 1.5	2 x M20 x 1.5	2 x M20 x 1.5	2 x M20 x 1.5	2 x M20 x 1.5
Weight	≈ 0.81 kg	≈ 0.81 kg	≈ 0.81 kg	≈ 0.81 kg	≈ 0.81 kg
Protection class	IP67 conforming to IEC/EN 60529	IP67 conforming to IEC 529	IP67 conforming to IEC 529	IP67 conforming to IEC 529	IP67 conforming to IEC 529
Installation position	Any	Any	Any	Any	Any
Locking principle	Spring force	Spring force	Spring force latching	Spring force latching	Spring force latching
Latching force	≤ 1000 N to GS-ET 19	≤ 1000 N to GS-ET 19	≤ 1000 N to GS-ET 19	≤ 1000 N to GS-ET 19	≤ 1000 N to GS-ET 19