

SLK Series

| Product selection | | | | | | |
|-------------------|------------------------|---------------------|-----------|-----------|-----------------|------------------------|
| Article number | Designation | Locking action | Contacts | | Supply voltage | Additional function |
| | | | Actuator | Interlock | | |
| 601.8119.045 | SLK-F-UC-55-R1-A0-L0-0 | Normally Locked* | 1NC / 1NO | 1NC / 1NO | 24 Volt AC / DC | Auxiliary release |
| 601.8119.066 | SLK-F-UC-55-R1-A0-L1-0 | Normally Locked* | 1NC / 1NO | 1NC / 1NO | 24 Volt AC / DC | Auxiliary release, LED |
| 601.8169.054 | SLK-F-UC-22-R1-A0-L0-0 | Normally Locked* | 2 NC | 2 NC | 24 Volt AC / DC | Auxiliary release |
| 601.8169.050 | SLK-F-UC-25-R1-A0-L0-0 | Normally Locked* | 2 NC | 1NC / 1NO | 24 Volt AC / DC | Auxiliary release |
| 601.8169.068 | SLK-F-UC-25-R1-A0-L1-0 | Normally Locked* | 2 NC | 1NC / 1NO | 24 Volt AC / DC | Auxiliary release, LED |
| 601.8119.061 | SLK-F-UC-55-R2-A0-L0-0 | Normally Locked* | 1NC / 1NO | 1NC / 1NO | 24 Volt AC / DC | Emergency release |
| 601.8169.055 | SLK-F-NC-22-R1-A0-L0-0 | Normally Locked* | 2 NC | 2 NC | 110 / 230 AC | Auxiliary release |
| 601.8119.046 | SLK-F-NC-55-R1-A0-L0-0 | Normally Locked* | 1NC / 1NO | 1NC / 1NO | 110 / 230 AC | Auxiliary release |
| 601.8119.067 | SLK-F-NC-55-R1-A0-L1-0 | Normally Locked* | 1NC / 1NO | 1NC / 1NO | 110 / 230 AC | Auxiliary release, LED |
| 601.8169.051 | SLK-F-NC-25-R1-A0-L0-0 | Normally Locked* | 2 NC | 1NC / 1NO | 110 / 230 AC | Auxiliary release |
| 601.8169.069 | SLK-F-NC-25-R1-A0-L1-0 | Normally Locked* | 2 NC | 1NC / 1NO | 110 / 230 AC | Auxiliary release, LED |
| 601.8119.047 | SLK-M-UC-55-R0-A0-L0-0 | Normally Unlocked** | 1NC / 1NO | 1NC / 1NO | 24 Volt AC / DC | |
| 601.8169.052 | SLK-M-UC-25-R0-A0-L0-0 | Normally Unlocked** | 2 NC | 1NC / 1NO | 24 Volt AC / DC | |
| 601.8169.056 | SLK-M-UC-22-R0-A0-L0-0 | Normally Unlocked** | 2 NC | 2 NC | 24 Volt AC / DC | |
| 601.8119.048 | SLK-M-NC-55-R0-A0-L0-0 | Normally Unlocked** | 1NC / 1NO | 1NC / 1NO | 110 / 230 AC | |
| 601.8169.053 | SLK-M-NC-25-R0-A0-L0-0 | Normally Unlocked** | 2 NC | 1NC / 1NO | 110 / 230 AC | |
| 601.8169.057 | SLK-M-NC-22-R0-A0-L0-0 | Normally Unlocked** | 2 NC | 2 NC | 110 / 230 AC | |

* Energize Solenoid to Unlock ** Energize Solenoid to Lock

| Technical data | Spring 24 Volt AC / DC | Spring 110 / 230 AC | Magnet 24 Volt AC / DC | Magnet 110 / 230 AC |
|--|---|---|---|---|
| Electrical data | | | | |
| Rated insulation voltage U_i | 250 V | 250 V | 250 V | 250 V |
| Utilization category | AC-15, U_e / I_e 230 V / 2.5 A | AC-15, U_e / I_e 230 V / 2.5 A | AC-15, U_e / I_e 230 V / 2.5 A | AC-15, U_e / I_e 230 V / 2.5 A |
| Conventional thermal current I_{the} | 5 A | 5 A | 5 A | 5 A |
| Short-circuit protection | 4 A gL | 4 A gL | 4 A gL | 4 A gL |
| Protection class | II, Insulated | II, Insulated | II, Insulated | II, Insulated |
| Electromagnet | | | | |
| Duty factor | 100 % ED (an E1; E2) | 100 % ED (an E1; E2) | 100 % ED (an E1; E2) | 100 % ED (an E1; E2) |
| Thermal class | F (155 °C) | F (155 °C) | F (155 °C) | F (155 °C) |
| Switch-on power | 12 VA (0.2 s) | 65 VA (0.1 s) | 12 VA (0.2 s) | 12 VA (0.2 s) |
| Continuous power | 4.4 VA | 8 VA | 4.4 VA | 4.4 VA |
| Mechanical data | | | | |
| Enclosure | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) |
| Cover | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) | Thermoplastic GV (UL94-V0) |
| Actuator | Thermoplastic GV / Zn-GD | Thermoplastic GV / Zn-GD | Thermoplastic GV / Zn-GD | Thermoplastic GV / Zn-GD |
| Ambient temperature | -25 °C to +70 °C | -25 °C to +70 °C | -25 °C to +70 °C | -25 °C to +70 °C |
| Switching function | 2 NC contacts, 2 NO contacts | 2 NC contacts, 2 NO contacts | 4 NC contacts | 2 NC contacts, 2 NO contacts |
| Switching principle | 4 Slow-action contacts | 4 Slow-action contacts | 4 Slow-action contacts | 4 Slow-action contacts |
| Mechanical service life | 1 x 10 ⁶ switching cycles (max. 600 switching cycles / h) | 1 x 10 ⁶ switching cycles (max. 600 switching cycles / h) | 1 x 10 ⁵ switching cycles (max. 600 switching cycles / h) | 1 x 10 ⁵ switching cycles (max. 600 switching cycles / h) |
| B10d | 2 mill. | 2 mill. | 2 mill. | 2 mill. |
| Minimum actuating radius R_{min} | See data sheet, actuator | See data sheet, actuator | See data sheet, actuator | See data sheet, actuator |
| Approach speed V_{max} | 0.5 m/s | 0.5 m/s | 0.5 m/s | 0.5 m/s |
| Mounting | 4 x M5 | 4 x M5 | 4 x M5 | 4 x M5 |
| Cross sections | 0.5 - 1.5 mm ² | 0.5 - 1.5 mm ² | 0.5 - 1.5 mm ² | 0.5 - 1.5 mm ² |
| Type of connection | Cage clamp terminal | Cage clamp terminal | Cage clamp terminal | Cage clamp terminal |
| Cable entry | 3 x M20 x 1.5 | 3 x M20 x 1.5 | 3 x M20 x 1.5 | 3 x M20 x 1.5 |
| Weight | ≈ 0.34 kg | ≈ 0.30 kg | ≈ 0.30 kg | ≈ 0.35 kg |
| Protection class | IP67 conforming to IEC/EN 60529 | IP67 conforming to IEC/EN 60529 | IP67 conforming to IEC/EN 60529 | IP67 conforming to IEC/EN 60529 |
| Installation position | Any | Any | Any | Any |
| Locking principle | Spring force | Spring force | Magnetic force | Magnetic force |
| Latching force FZh | ≤ 1500 N to GS-ET-19 | ≤ 1500 N to GS-ET-19 | ≤ 1500 N to GS-ET-19 | ≤ 1500 N to GS-ET-19 |