

System SLIO - Current consumption

Current consumption at backplane bus

Below you will find a list of the System SLIO periphery modules and their current consumption on the backplane bus.

| DI | Digital input | Current consumption |
|-----------|--------------------------------------|---------------------|
| 021-1BB00 | SM 021 - DI 2xDC 24V | 65mA |
| 021-1BB10 | SM 021 - DI 2xDC 24V 2 μ s...4ms | 100mA |
| 021-1BB50 | SM 021 - DI 2xDC 24V NPN | 65mA |
| 021-1BB70 | SM 021 - DI 2xDC 24V ETS | 100mA |
| 021-1BD00 | SM 021 - DI 4xDC 24V | 65mA |
| 021-1BD10 | SM 021 - DI 4xDC 24V 2 μ s...4ms | 100mA |
| 021-1BD40 | SM 021 - DI 4xDC 24V 3 wire | 65mA |
| 021-1BD50 | SM 021 - DI 4xDC 24V NPN | 65mA |
| 021-1BD70 | SM 021 - DI 4xDC 24V ETS | 100mA |
| 021-1BF00 | SM 021 - DI 8xDC 24V | 65mA |
| 021-1BF01 | SM 021 - DI 8xDC 24V 0.5ms | 35mA |
| 021-1BF50 | SM 021 - DI 8xDC 24V NPN | 65mA |
| 021-1BH00 | SM 021 - DI 16xDC 24V | 35mA |
| 021-1DF00 | SM 021 - DI 8xDC 24V Diagnosis | 60mA |
| 021-1SD00 | SM 021 - SDI 4xDC 24V | 95mA |
| 021-1SD10 | SM 021 - SDI 4xDC 24V FSoE | 95mA |

| DO | Digital output | Current consumption |
|-----------|-------------------------------------|---------------------|
| 022-1BB00 | SM 022 - DO 2xDC 24V 0.5A | 70mA |
| 022-1BB20 | SM 022 - DO 2xDC 24V 2A | 70mA |
| 022-1BB50 | SM 022 - DO 2xDC 24V 0.5A NPN | 70mA |
| 022-1BB70 | SM 022 - DO 2xDC 24V 0.5A ETS | 105mA |
| 022-1BB90 | SM 022 - DO 2xDC 24V 0.5A PWM | 105mA |
| 022-1BD00 | SM 022 - DO 4xDC 24V 0.5A | 75mA |
| 022-1BD20 | SM 022 - DO 4xDC 24V 2A | 75mA |
| 022-1BD50 | SM 022 - DO 4xDC 24V 0.5A NPN | 75mA |
| 022-1BD70 | SM 022 - DO 4xDC 24V 0.5A ETS | 105mA |
| 022-1BF00 | SM 022 - DO 8xDC 24V 0.5A | 80mA |
| 022-1BF01 | SM 022 - DO 8xDC 24V 0.5A | 50mA |
| 022-1BF50 | SM 022 - DO 8xDC 24V 0.5A NPN | 80mA |
| 022-1BH00 | SM 022 DO 16xDC 24V 0.5A | 35mA |
| 022-1DF00 | SM 022 - DO 8xDC 24V 0.5A Diagnosis | 70mA |
| 022-1HB10 | SM 022 - DO 2xRelay | 120mA |

| DO | Digital output | Current consumption |
|-----------|---------------------------------|---------------------|
| 022-1HD10 | SM 022 - DO 4xRelay | 120mA |
| 022-1SD00 | SM 022 - SDO 4xDC 24V 0.5A | 75mA |
| 022-1SD10 | SM 022 - SDO 4xDC 24V 0.5A FSoE | 75mA |

| AI | Analog input | Current consumption |
|-----------|--|---------------------|
| 031-1BB10 | SM 031 - AI 2x12Bit 0(4)...20mA - ISO | 50mA |
| 031-1BB30 | SM 031 - AI 2x12Bit 0...10V | 80mA |
| 031-1BB40 | SM 031 - AI 2x12Bit 0(4)...20mA | 80mA |
| 031-1BB60 | SM 031 - AI 2x12Bit 0(4)...20mA - Sensor | 50mA |
| 031-1BB70 | SM 031 - AI 2x12Bit $\pm 10V$ | 50mA |
| 031-1BB90 | SM 031 - AI 2x16Bit TC | 85mA |
| 031-1BD30 | SM 031 - AI 4x12Bit 0...10V | 75mA |
| 031-1BD40 | SM 031 - AI 4x12Bit 0(4)...20mA | 75mA |
| 031-1BD70 | SM 031 - AI 4x12Bit $\pm 10V$ | 55mA |
| 031-1BD80 | SM 031 - AI 4x16Bit R/RTD | 85mA |
| 031-1BF60 | SM 031 - AI 8x12Bit 0(4)...20mA | 70mA |
| 031-1BF74 | SM 031 - AI 8x12Bit $\pm 10V$ | 70mA |
| 031-1CA20 | SM 031 - AI 1x16(24)Bit Strain gauge (DMS) | 55mA |
| 031-1CB30 | SM 031 - AI 2x16Bit 0...10V | 60mA |
| 031-1CB40 | SM 031 - AI 2x16Bit 0(4)...20mA | 60mA |
| 031-1CB70 | SM 031 - AI 2x16Bit $\pm 10V$ | 60mA |
| 031-1CD30 | SM 031 - AI 4x16Bit 0...10V | 65mA |
| 031-1CD35 | SM 031 - AI 4x16Bit 0...10V | 65mA |
| 031-1CD40 | SM 031 - AI 4x16Bit 0(4)...20mA | 65mA |
| 031-1CD45 | SM 031 - AI 4x16Bit 0(4)...20mA | 65mA |
| 031-1CD70 | SM 031 - AI 4x16Bit $\pm 10V$ | 65mA |
| 031-1LB90 | SM 031 - AI 2x16Bit TC $\pm 80mV$ | 55mA |
| 031-1LD80 | SM 031 - AI 4x16Bit R/RTD | 55mA |
| 031-1PA00 | SM 031 - AI1x 3Ph 230/400V 1A | 60mA |
| 031-1PA10 | SM 031 - AI1x 3Ph 230/400V 5A | 60mA |

| AO | Analog output | Current consumption |
|-----------|---------------------------------|---------------------|
| 032-1BB30 | SM 032 - AO 2x12Bit 0...10V | 85mA |
| 032-1BB40 | SM 032 - AO 2x12Bit 0(4)...20mA | 85mA |
| 032-1BB70 | SM 032 - AO 2x12Bit $\pm 10V$ | 60mA |
| 032-1BD30 | SM 032 - AO 4x12Bit 0...10V | 90mA |
| 032-1BD40 | SM 032 - AO 4x12Bit 0(4)...20mA | 90mA |

| AO | Analog output | Current consumption |
|-----------|---|----------------------------|
| 032-1BD70 | SM 032 - AO 4x12Bit $\pm 10V$ | 60mA |
| 032-1CB30 | SM 032 - AO 2x16Bit 0...10V | 60mA |
| 032-1CB40 | SM 032 - AO 2x16Bit 0(4)...20mA | 60mA |
| 032-1CB70 | SM 032 - AO 2x16Bit $\pm 10V$ | 60mA |
| 032-1CD30 | SM 032 - AO 4x16Bit 0...10V | 65mA |
| 032-1CD40 | SM 032 - AO 4x16Bit 0(4)...20mA | 65mA |
| 032-1CD70 | SM 032 - AO 4x16Bit $\pm 10V$ | 65mA |
| CP | Communication processor | Current consumption |
| 040-1BA00 | CP 040 - RS232 | 110mA |
| 040-1CA00 | CP 040 - RS422/485 | 125mA |
| FM | Function module | Current consumption |
| 050-1BA00 | FM 050 - Counter module Advanced 1x32Bit | 75mA |
| 050-1BA10 | FM 050 - Counter module 5V differential 1x32Bit | 75mA |
| 050-1BB00 | FM 050 - Counter module 2x32Bit | 75mA |
| 050-1BB30 | FM 050 - Counter module Eco 2x32Bit | 75mA |
| 050-1BB40 | FM 050 - Frequency measurement 2x24Bit | 35mA |
| 050-1BS00 | FM 050S - SSI module | 85mA |
| 054-1BA00 | FM 054 - Motion module - Stepper | 50mA |
| 054-1CB00 | FM 054 - Motion module - 2xDC | 50mA |
| 054-1DA00 | FM 054 - Motion module - Pulse Train RS422 | 50mA |