



module 6ED1055-1FB10-0BA2

URL: <https://www.sxplc.com/module-6ed1055-1fb10-0ba2>

Product data sheet

Supply voltage

Rated value (DC)

● 115 V DC Yes

● 230 V DC Yes

permissible range, lower limit (DC) 100 V

permissible range, upper limit (DC) 253 V

Rated value (AC)

● 115 V AC Yes

● 230 V AC Yes

Line frequency

- permissible range, lower limit 47 Hz

- permissible range, upper limit 63 Hz

Digital inputs

Number of digital inputs 8

Input voltage

- Type of input voltage AC/DC

- for signal "0" < 40 V AC, < 30 V DC

- for signal "1" > 79 V AC, > 79 V DC

Input current

- for signal "0", max. (permissible quiescent current) 0.06 mA; 0.05 mA with AC, 0.06 mA with DC

- for signal "1", typ. 0.13 mA

Input delay (for rated value of input voltage)

for standard inputs

— at "0" to "1", max. 40 ms

— at "1" to "0", max. 75 ms

Digital outputs

Number of digital outputs 8; Relays

Short-circuit protection No

Controlling a digital input Yes

Switching capacity of the outputs

- on lamp load, max. 1 000 W; 500 W at 115V AC

Output current

- for signal "1" rated value 5 A

- for signal "1" minimum load current 100 mA

Parallel switching of two outputs

- for uprating No

Switching frequency

- with resistive load, max. 2 Hz

- with inductive load, max. 0.5 Hz

● mechanical, max. 10 Hz

Relay outputs

Switching capacity of contacts

— with inductive load, max. 3 A

— with resistive load, max. 5 A

EMC

Emission of radio interference acc. to EN 55 011

● Limit class B, for use in residential areas Yes

Degree and class of protection

IP degree of protection IP20

Standards, approvals, certificates

CE mark Yes

CSA approval Yes

UL approval Yes

FM approval Yes

developed in accordance with IEC 61131 Yes

according to VDE 0631 Yes

Marine approval Yes

Ambient conditions

Ambient temperature during operation

- min. 0 °C; ES03 and higher: -20 °C

- max. 55 °C

Dimensions

Width 71.5 mm

Height 90 mm

Depth 58 mm

