



modular smart relay **SR3B101BD**

URL:<https://www.sxplc.com/modular-smart-relay-sr3b101bd>

Product data sheet

| | |
|---------------------------------------|--|
| Number of control scheme lines | 0...500 FBD 0...240 ladder |
| Cycle time | 6...90 ms |
| Backup time | 10 years 77 °F (25 °C) |
| Clock drift | 12 min/year 32...131 °F (0...55 °C) 6 s/month 77 °F (25 °C) |
| Checks | Program memory on each power up |
| [Us] rated supply voltage | 24 V |
| Supply voltage limits | 19.2...30 V |
| Maximum supply current | 100 mA with extensions) 100 mA without extension) |
| Power dissipation in W | 3 W without extension 8 W with extensions |
| Reverse polarity protection | With |
| Discrete input number | 6 IEC 61131-2 Type 1 |
| Discrete input type | Resistive |
| Discrete input voltage | 24 V DC |
| Discrete input current | 4 mA |
| Counting frequency | 1 kHz discrete input |
| Voltage state 1 guaranteed | >= 15 V I1...IA and IH...IR discrete input circuit >= 15 V IB...IG used as discrete input circuit |
| Voltage state 0 guaranteed | <= 5 V I1...IA and IH...IR discrete input circuit <= 5 V IB...IG used as discrete input circuit <= 5 V |
| Current state 1 guaranteed | >= 1.2 mA IB...IG used as discrete input circuit) >= 2.2 mA I1...IA and IH...IR discrete input circuit) |
| Current state 0 guaranteed | <= 0.5 mA IB...IG used as discrete input circuit) <= 0.75 mA I1...IA and IH...IR discrete input circuit) |

Input 3 Proximity



3-wire proximity sensors PNP discrete input