



## modular smart relay **SR3B101BD**

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

**Product data sheet**

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

Input channels 0-5



3-wire proximity sensors PNP discrete input