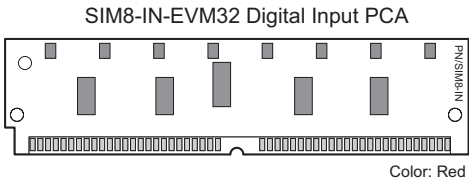# SIM8-IN-EVM32
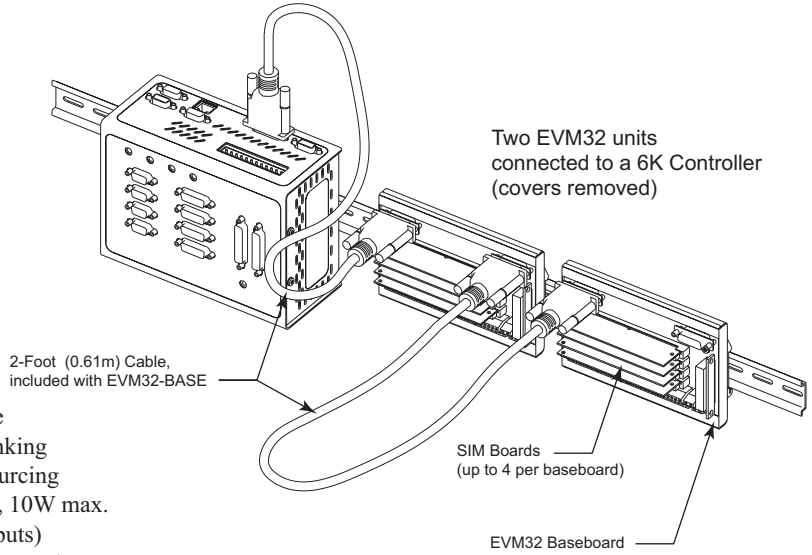
EVM32

SIM8-IN-EVM32 Digital Input PCA

Color: Red

The SIM8-IN-EVM32 board provides eight digital inputs for the EVM32 expansion I/O module.

Additional EVM32 parts, ordered separtely, include:
- · EVM32-II — EVM32 baseboard, includes 2-foot cable
- · SIM8-OUT-NPN — Digital output SIM board (8 outputs), sinking
- · SIM8-OUT-PNP — Digital output SIM board (8 outputs), sourcing
- · SIM8-OUT-SSR — Solid State Relay SIM board (8 outputs), 10W max.
- · SIM8-AN-IN — Analog (+/- 10V) input SIM board (8 inputs)
- · SIM8-AN-OUT — Analog (+/- 10V) output SIM board (8 outputs)
- · 71-016949-02 — 2-foot (0.61m) cable, included with EVM32-BASE
- · 71-016949-100 — 100-foot (30.48m) cable for connection to 6K or other EVM32 units

Refer to the *6K Addendum* (88-017657-01) for EVM32 specifications, installation instructions, and programming information.
See reverse for instructions to insert SIM boards into the EVM32 baseboard.

Two EVM32 units connected to a 6K Controller (covers removed)

2-Foot (0.61m) Cable, included with EVM32-BASE

SIM Boards (up to 4 per baseboard)

EVM32 Baseboard

Parker
Automation

p/n 88-018160-01C

CAUTION

EVM32 SIM boards are static sensitive. Observe proper ESD handling precautions. **REMOVE POWER** to the EVM32 baseboard before installing or removing SIM boards.

SIM Board Color Codes:	
SIM8-IN-EVM32 (digital inputs)	Red
SIM8-OUT-NPN (digital outputs, sinking)	Blue
SIM8-OUT-PNP (digital outputs, sourcing)	Blue
SIM8-OUT-SSR (solid state outputs)	Blue
SIM8-AN-IN (analog inputs)	Green
SIM8-AN-OUT (analog outputs)	Black

SIM Board Insertion (observe notch orientation)

Snap into place

Notch

SIM Slot

SIM #1 (I/O points 1-8)
SIM #2 (I/O points 9-16)
SIM #3 (I/O points 17-24)
SIM #4 (I/O points 25-32)

Notch

(EVM32-BASE baseboard version shown)