EVM32 – II

EVM32

EVM32 Baseboard
(cover removed)

(EVM32-BASE version shown)

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

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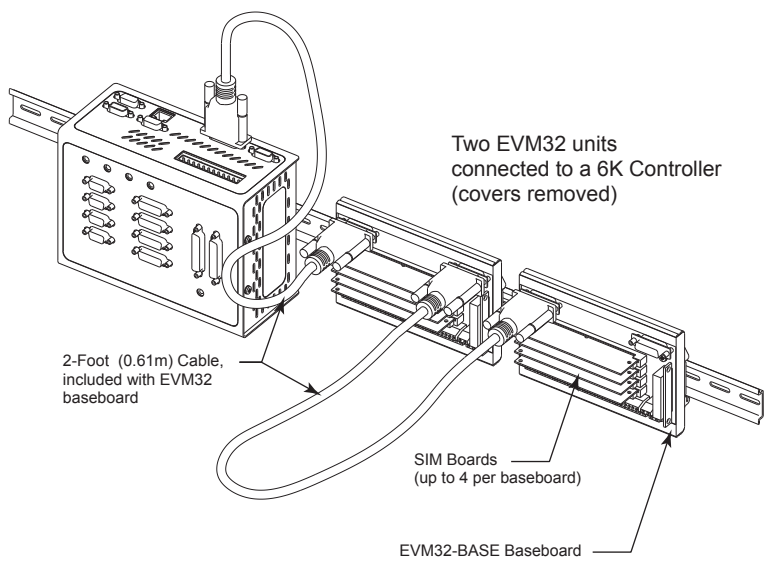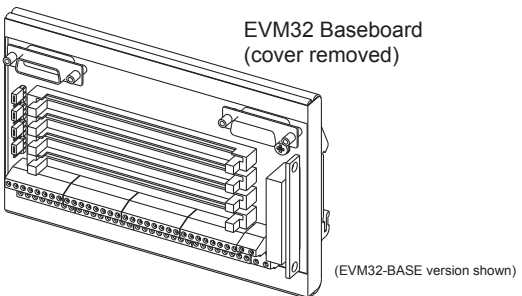baseboard

SIM Boards
(up to 4 per baseboard)

EVM32-BASE Baseboard

Each EVM32 order includes:
- · EVM32 Baseboard
- · Removable vented cover
- · Adhesive labels for the cover (to identify SIM configuration)
- · 2-foot (0.61m) cable for connection to the 6K controller
  or connection to additional EVM32 units (see drawing at right)

Additional EVM32 parts, ordered separately, include:
- · SIM8-IN-EVM32   Digital input SIM board (8 inputs)
- · 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) **requires 6K OS rev 5.1**
- · SIM8-OUT-HCR   High Current Relay SIM board (8 outputs), **requires 6K OS rev 5.1**
- · SIM8-AN-IN   Analog (+/- 10V) input SIM board (8 inputs)
- · SIM8-AN-OUT   Analog (+/- 10V) output SIM board (8 outputs) - **requires 6K OS rev 5.1**
- · 71-016949-02   2-foot (0.61m) cable, included with the EVM32 baseboard
- · 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.
p/n 88-021032-01B

Parker
Automation

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-OUT-HCR (solid state outputs)	Blue
SIM8-AN-IN (analog inputs)	Green
SIM8-AN-OUT (analog outputs)	Black

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 Insertion (observe notch orientation)

① ②

③

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)

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p/n 88-021132-01A