The card occupies a keyed DeltaV I/O position between the LocalBus and the documented field circuit. Engineering acceptance depends on the exact KJ3001X1-BJ1 12P0555X152 marking, the matching terminal-block key, approved field wiring and the installed DeltaV hardware record.

Field circuit

Documented signals and field power

KJ3001X1-BJ1 12P0555X152

DO, 8-channel, 24 VDC high-side card

DeltaV LocalBus

Controller communication and diagnostics

1	Record the complete Emerson KJ3001X1-BJ1 12P0555X152 marking and cabinet position.
2	Apply the approved safe-work and electrical isolation procedure.
3	Remove field power before connecting or disconnecting the device.
4	Verify the LocalBus and field-circuit ratings against the project drawing.

PRE-WORK HOLD POINT

Confirm the complete KJ3001X1-BJ1 12P0555X152 nameplate, installed terminal block, wiring diagram, field power and DeltaV cabinet record before removal, replacement or energization.

5	Set the terminal-block rotary key to the manufacturer-documented position.
6	Inspect the card, carrier, connector and field wiring before insertion.
7	Check channel states, controller diagnostics and affected loop response.
8	Record the as-left configuration and acceptance results before release.

CONNECTION DECISIONS

Preserve the complete KJ3001X1-BJ1 12P0555X152 identity before replacement. Isolate field energy as required by the Emerson instruction sheet, verify the terminal-block key and wiring diagram, then confirm channel status and system diagnostics before returning the affected loops to service.

TECHNICAL ACCEPTANCE

The high-side card uses shared bussed field power; verify both the per-channel limit and the total card-current limit before commissioning outputs. The complete 12P0555X152 marking is retained as supplied; the card-level manufacturer data establishes the KJ3001X1-BJ1 function and limits.

How does Emerson KJ3001X1-BJ1 12P0555X152 switch its eight outputs?

It is a 24 VDC high-side discrete-output card using shared bussed field power.

What bussed field-power boundary applies to Emerson KJ3001X1-BJ1 12P0555X152?

The documented boundary is 60 VDC maximum, 24 VDC nominal and 6 A maximum per card.

What channel-current limit applies to Emerson KJ3001X1-BJ1 12P0555X152?

The field circuit is limited to 60 VDC at 1.5 A per channel while the entire card remains within 6 A.

Which terminal-block key prevents a mismatch for Emerson KJ3001X1-BJ1 12P0555X152?

The manufacturer data identifies rotary-key position B6.

Why must both channel and total current be checked on Emerson KJ3001X1-BJ1 12P0555X152?

The shared high-side field supply has both a per-channel limit and a total card-current limit, so satisfying only one does not establish acceptance.

What ambient range is listed for Emerson KJ3001X1-BJ1 12P0555X152?

The documented operating ambient is 0 to +60 degrees C with 5 to 95% non-condensing humidity.

What proves Emerson KJ3001X1-BJ1 12P0555X152 is ready after replacement?

Verify B6 keying, bussed field power, per-channel and total current, channel states and DeltaV controller diagnostics before release.

AS-LEFT TECHNICAL CHECK

Preserve the complete KJ3001X1-BJ1 12P0555X152 identity before replacement. Isolate field energy as required by the Emerson instruction sheet, verify the terminal-block key and wiring diagram, then confirm channel status and system diagnostics before returning the affected loops to service.

RELEASE HOLD POINT

Confirm the complete KJ3001X1-BJ1 12P0555X152 nameplate, installed terminal block, wiring diagram, field power and DeltaV cabinet record before removal, replacement or energization.

MANUFACTURER SOURCE

Emerson DeltaV M-series hardware / ATEX instruction data for KJ3001X1-BJ1 DO 24 VDC High-Side card

Related Emerson catalog pages

Browse related automation products. These links do not establish interchangeability.

Emerson 9191-FP	View product
Emerson 960177-02	View product
Emerson A6560	View product

AS-LEFT RECORD

Confirm the complete KJ3001X1-BJ1 12P0555X152 nameplate, installed terminal block, wiring diagram, field power and DeltaV cabinet record before removal, replacement or energization.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

KJ3001X1-BJ1 12P0555X152