



JVA PAE222

· Specification summary

Device class	General Purpose IO Board
PCB-only selection	PAE222 is explicitly identified as PCB only. Confirm enclosure, power supply, keypad, programming accessories and mounting items separately.
User inputs	4 configurable user inputs are listed. Confirm input mode and the connected external device.
Relay-output count	4 configurable relay outputs are listed. This is a count, not a current rating or approval to switch any particular load.
Relay contact form	Form-C changeover relay contacts are listed. Verify the actual relay, load, isolation and protection requirements.
Vendor software integration	Perimeter Patrol integration is listed. Confirm vendor software, licence and revision; no ISD OS, internet or cloud integration is established.
Input application examples	The overview names motion detectors, IR beams and door contacts as example input devices. Check exact signals and compatibility.
Output application examples	Security lighting, sirens and water pumps are application examples, not direct load approval. Use the properly engineered switching interface.
Keypad configuration	Configuration through a JVA keypad is listed. Confirm the keypad, required programming display and actual board version.
Connectors	Pluggable connectors are listed. Confirm the supplied terminals, wiring and enclosure clearance.
Input configuration references	The sheet lists dry-contact, +5 V and +12 V input configurations. These are configuration references, not a verified maximum input-voltage or power-output rating.
Historical bus reference	The manual lists the JVA keypad bus as the energizer connection. Confirm the actual device, bus design and manufacturer instructions; do not assume another protocol.
Separate DC supply	The manual describes a separate 12 VDC supply and explicitly says not to power this board from the keypad bus. Confirm the actual revision and complete load design.
Programming-display selection	The manual identifies PAE091 as a programming display that is not supplied. Confirm the programming accessories required for the actual board revision.
Host-controlled output state	The manual says host-controlled output state depends on Perimeter Patrol configuration. Relay behaviour must be configured and tested for the actual system.
Protective housing selection	The manual requires a water-resistant outer housing. The PCB-only code and manufacturer enclosure illustrations do not establish an outdoor/IP-rated supplied assembly.
Historical document scope	The manual identifies PCB version1v0 and higher,firmware1.00 and higher,with1.00 stated as current in that historical document. This does not confirm today's firmware or the supplied unit.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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