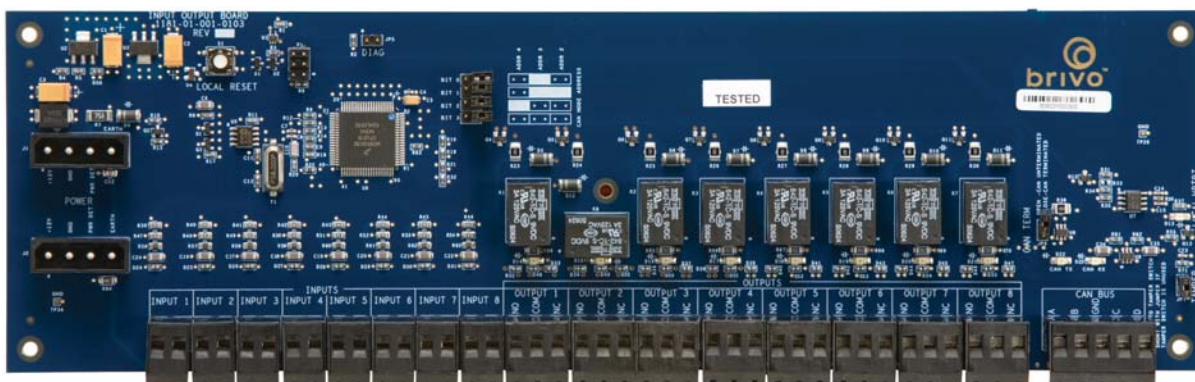# ACS5000-IO Expansion Board

Powerful security made simple.

The ACS5000-I/O expansion board provides 8 additional input points and 8 additional output relays to the Brivo ACS5000 series control panels. Each input point can be programmed for input line supervision and for normally open or normally closed inputs. Outputs are form C (SPDT) relays. ACS5000-I/O expansion boards must be connected to an ACS5000-E, ACS5000-W/G, or ACS5000-S control panel to operate properly. Brivo ACS5000 series control panels support any combination of ACS5000-I/O and ACS5000-DB expansion boards up to a maximum of 14 expansion boards per ACS5000 series control panel and are connected via high speed CAN bus. To maintain UL294 compliance, the ACS5000-IO must be installed and powered by an ACS5000 series chassis.

All wiring terminations are removable

Ordering Information – Expansion Board and Approved Enclosures
• ACS5000-IO – ACS5000 Input/Output expansion board
• ACS5000-EXP – Expansion chassis (2 board enclosure)
• ACS5008-EXP – Large expansion chassis (4 board enclosure)

Ordering Information – Associated ACS5000 Series Components
• ACS5000-E – ACS5000 Ethernet ACS WebService™ control panel (Standard size chassis)
• ACS5008-E – ACS5000 Ethernet ACS WebService control panel (Large chassis)
• ACS5000-W/G – ACS5000 Wireless ACS WebService control panel (Standard size chassis)
• ACS5000-S – ACS5000 ACS OnSite™ control panel (Standard size chassis)
• ACS5008-S – ACS5000 ACS OnSite control panel (Large chassis)
• ACS5000-DB – ACS5000 Dual reader expansion board

Service and Support
• Toll-free telephone and email support
• User manual, online help, and installation guide
• Professional services available for fast and seamless system implementation; options include:
    - training
    - technical support
    - conversion of legacy systems and databases
    - custom branding

ACS5000-IO
Expansion Board

ACS5000-IO Expansion Board Specifications

Feature Description	Specification Details
Input points	(8) input points (optional 4 state supervision)
Output relays	(8) output Form C (SPST) relays 3A @24VDC
Power consumption	12VDC @ 90mA idle / 400mA peak with all relays engaged (board only)
Communication bus wiring	CAN bus - Use CAT5E cable up to 1500 feet
Temperature and humidity range	Operating Temp: 32° to 125° F, (0° to 49° C); Humidity: Max 85% non-condensing
Compliance	UL294/ULC Listed, CE Certified
Dimensions	3.5"h x 11.5"w
Dimensions	3.5"h x 11.5"w
Included components	(2) MOV; (1) Molex power connector cable, (5) plastic stand-off pins, and (16) 2K ohm EOL resistors

Powerful security made simple.

Learn more at www.brivo.com/demo or email demo@brivo.com to arrange a personal demonstration.

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