4.26 in (108 mm)

5.26 in (134 mm)

1.06 in (27 mm) depth

Shown above: Contact closure input/output interface (QSE-IO)

Features and capacities

- Provides five inputs and five dry contact closure outputs

- Compatible with motion/occupancy sensors, time clocks, motorized projection screens, skylights, window shades, movable walls, A/V equipment and security systems that have contact-closure input/output

- Outputs provide both normally open (NO) and normally closed (NC) contacts

- Five status LEDs light when associated output is active (on)

- Outputs programmable for both momentary (pulse) and maintained (latching)

- Operates at 24 V DC

Dimensions and mounting

- Width: 4.26 in (108 mm)
  Height: 5.26 in (134 mm)
  Depth: 1.06 in (27 mm)

- Mounts directly to the wall, to an A/V rack, or in an enclosure if conduit is desired

- Must be fully enclosed in unventilated metal enclosure per applicable code for installation in spaces designed for environmental air handling

Related components

Rack unit
(available separately,
see pg. 660)

Enclosure
(available separately,
see pg. 659)

Download specification submittal

Model numbers

Communication and wiring

- Low-voltage IEC PELV/NEC Class 2 wired communication via the QS link

- Uses three power draw units on the QS link

- Each QS link on a Quantum or HomeWorks QS processor can have up to 99 QS devices; each QS contact closure input/output interface counts as one device toward the limit

Functionality and operating modes

- Contact closure inputs and outputs are fully programmable using the Quantum and HomeWorks QS software

- Using the inputs, contact closures in other equipment can operate compatible primary controls to:

  – Select scenes
  – Adjust scenes to reflect status of movable walls (partitioning)
  – Toggle any combination of zones in the system between Off and a configurable preset value
  – Turn lights on or off and/or move shades based on room occupancy
  – Perform special functions such as sequencing, control lockout, and time clock disable

- Using the outputs, scene and/or zone changes in control units can:

  – Trigger outputs to control other equipment
  – Provide status feedback to other equipment

- Using the inputs, contact closures in other equipment can operate Sivoia® QS window treatments to:

  – Open or close
  – Raise/lower or stop
  – Select adjustable presets

- Using the outputs, key presses on QS window treatment keypads or GRAFIK Eye QS window treatment buttons can:

  – Trigger outputs to other motorized window treatment equipment

Interface

QS Contact closure interface	QSE-IO

Compatible with Quantum® and HomeWorks® QS systems