

## Honeywell analog input module sdo-0824 series

### Technical Model parameters:



FS-SDO-0824;FC-SDO-082

Certification: CE, TUV, UL, CSA, FM

Space requirements: 4 te, 3 he (= 4hp,3u)

Power requirements

5 VDC, 25 mA

Internal 24 VDC, 25 mA

External 24 VDC, 70 mA (no output load)

Outputs

Number of output channels: 8

Output specifications: 24 VDC solid state source, short-circuit proof

Maximum current 550 mA

Maximum lamp load: 120 mA (2.9 W)

Maximum load capacitance: 1  $\mu$ F

Voltage drop < 2.0 V DC at 500 mA

Shutdown current < 0.1 mA

WDG input current 8 mA

Module code: Hole A9, C9

Chassis code: large pins A9, C9

### HONEYWELL Analog Input Module SDO-0824 Series Introduction

The Safe Digital Output Module SDO-0824 features eight 24 V DC, 550 mA output channels that can drive loads up to 13 W. The SDO-0824 is designed for use with a wide range of loads.

These loads may be resistive (e.g., lamps) or inductive (e.g., solenoids). For inductive loads, each output contains a suppression diode. The outputs, including the suppressor diode, are fully tested and therefore can be used in safety applications.

The outputs are tested during configured diagnostic test intervals:

- Power failure capability
- Power-down group capability (by auxiliary means)
- Crosstalk between outputs
- Suppressor diode capability

The outputs are divided into two groups of four outputs each. Each group has its own auxiliary power-down method.

The auxiliary power-down method (SMOD) enables the watchdog and processor to power-down the outputs regardless of the outcome of the application function.

Other popular models of HONEYWELL analog input modules:

HONEYWELL [FS-SDO-0824](#)

HONEYWELL [FC-SDO-0824](#)

HONEYWELL [FS-SAO-0220m](#)

HONEYWELL [FS-DO-1224](#)

HONEYWELL [FS-RO-1024](#)

HONEYWELL [FS-DO-1624](#)

HONEYWELL [FS-SDO-04110](#)

HONEYWELL [FS-SDO-0448](#)

HONEYWELL [FS-SDO-0424](#)

HONEYWELL [FS-SDOL-0424](#)

HONEYWELL [FS-SDOL-0448](#)