

EXPERION SERIES C

Product Data Sheet

CC-SDOR01 51308380-175

Digital Output Relay Extension IOTA

ISOLATED OUTPUT CHANNELS	CONTACT CONFIGURATIONS	CONTACT MATERIAL	MAXIMUM LOAD VOLTAGE
32	Form A (SPST/NO) or Form B (SPST/NC), jumper selectable	AgSnO2	250 V AC RMS / 125 V DC

Honeywell CC-SDOR01 51308380-175 is the relay-extension IOTA for the Experion Series C digital-output relay arrangement. It works with the documented CC-PDOB01 digital-output I/O module and associated relay IOTA configuration to connect discrete field loads.

01

VERIFIED TECHNICAL DATA

Isolated output channels	32
Contact configurations	Form A (SPST/NO) or Form B (SPST/NC), jumper selectable
Contact material	AgSnO2
Maximum load voltage	250 V AC RMS / 125 V DC
Resistive AC load per output	3 A at 125 / 250 V AC
Resistive DC load per output	3 A at 30 V; 1 A at 48 V; 0.2 A at 125 V
Inductive AC load per output	2 A at 125 / 250 V AC, power factor 0.4
Minimum load voltage	12 V DC
Minimum load current	100 mA
Maximum inrush current	10 A for 4 s at 10% duty cycle

ADDITIONAL PRODUCT DATA

Channel/logic isolation	1500 V AC RMS or ± 1500 V DC
Maximum turn-on time	20 ms
Maximum turn-off time	20 ms
Mechanical contact life	5000000 cycles at 180 cycles/min
Coil surge absorber	120 ohm + 0.033 microF per channel

DOCUMENTED USE SETTINGS

Chemical Production and Process Manufacturing: Industrial Chemical Production.

Petroleum Refining and Gas Processing: Petroleum Refining and Processing.

Electricity Generation and Industrial Energy: Thermal Electric Power Generation.

SYSTEM COMPATIBILITY

CC-SDOR01 51308380-175 is the relay-extension element in the documented Experion Series C relay-output arrangement. Match CC-PDOB01 and the associated IOTA identities before assigning field outputs.

PRODUCT EVIDENCE

Honeywell Experion Series-C I/O Specification EP03-490-520, Version 1.5, December 2021, section 5.17, pp. 36 to 37

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM