SPHERE SYSTEMS

DATASHEET
FACILITY RANGE



DIGITAL OUTPUT

The Digital Output card provides a total of 8 digital outputs, operated through relays that incorporate a single Form C volt-free contact offering normally open/closed configurations.

The relays are rated at 24VAC/DC @ 5A max switching. For operational flexibility, each relay can be locked in Auto/Off/On positions, by manual override using the jumpers provided.

Providing visual feedback, LEDs display the relays' current state of the N/O contact for each output.

SPECIFICATIONS

Physical

Width	82mm (3.25")
Length	91mm (3.58")
Height	20mm (0.78") (w/o Connectors)
Mounting	3TK2 Series SnapTrack
Degree of Protection	IPXX

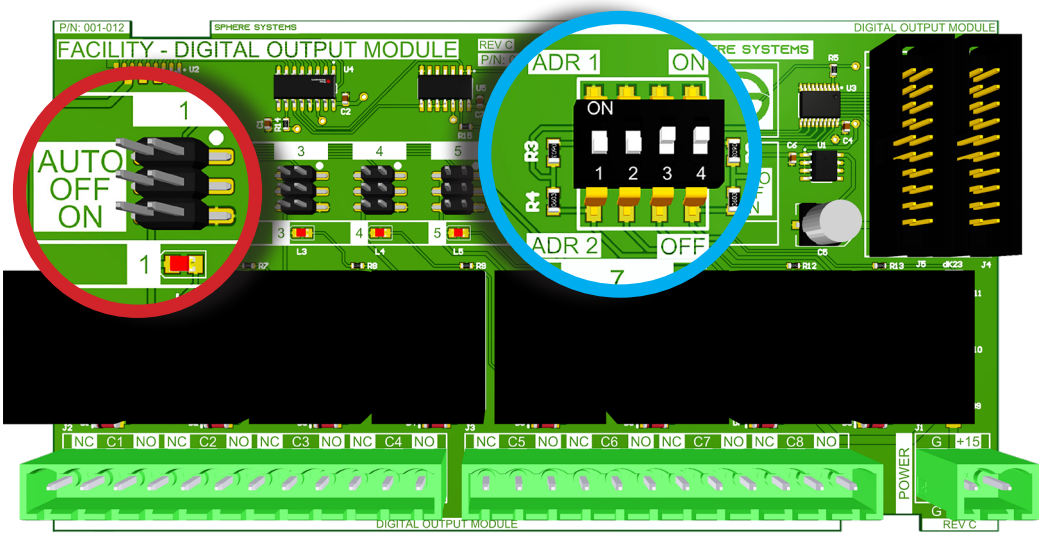
No need for fans, heat sinks, or heat dissipation methods.

Connections

Power Supply	15VDC
Outputs	12-Way 5mm Pitch Pluggable Connector
Connector	2-Way Screw Terminated
Expansion Bus	20-Way 2 Row Flat Cable IDC Socket

SPHERE SYSTEMS

SWITCH SETTINGS



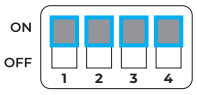
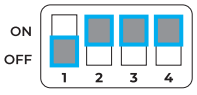
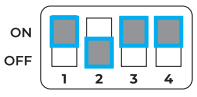
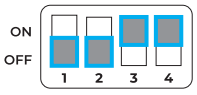
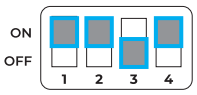
Jumper Configuration

Jumpers are used for manual override of the outputs

AUTO	Automatic control from the Minicom
OFF	Output will remain switched to the NC contact (jumper not required)
ON	Output will remain switched to the NO contact

DIP Switch Configuration

DIP switches are used to define the I/O addresses

	Address: 0 I/Os: 9 - 16
	Address: 1 I/Os: 17 - 24
	Address: 2 I/Os: 25 - 32 Applies to Digicom Firmware Only
	Address: 3 I/Os: 33 - 40 Applies to Digicom Firmware Only
	Address: 4 I/Os: 41 - 48 Applies to Digicom Firmware Only