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Door Switch Definition

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N/C Door Switch

An N/C door switch is closed when no outside forces are acting upon it. When used in this application, the switch is open when the door is closed, and the switch closes when the door is opened, activating the controller to turn the light on. See “N/C Door Switch” Table below for Ordering Information.

N/O Door Switch

An N/O door switch is open when no outside forces are acting upon it. When used in this application, the switch is closed when the door is closed, and the switch opens when the door is open, activating the controller to turn the light on. See “N/O Door Switch” Table below for Ordering Information.

Form C Door Switch

A Form C door switch contains a single switch that has connections for both N/O and N/C applications. Due to confusion of switch definitions between the alarm industry and the controls industry, Functional Devices, Inc. recommends using Form C switches to help our customers avoid purchasing an incompatible switch.

N/C Door Switch

	Door	Light
CLC212	Open →	ON
	Closed →	OFF
CLC212-NC	Open →	OFF
	Closed →	ON

N/O Door Switch

	Door	Light
CLC212	Open →	OFF
	Closed →	ON
CLC212-NC CLC212-D15 CLC212-D60	Open →	ON
	Closed →	OFF