Trigger messages on any ALPHA™ display simply and economically!

The ALPHA Discrete Input Interface accepts inputs from photoelectric eyes, limit switches, proximity sensors, PLC I/O blocks, relays, push buttons, contact closures or any discrete, BCD, binary, or up/down counting device or sensor. Users create and download custom messages into ALPHA marquees using the ALPHA handheld remote or ALPHA Messaging Software. The ALPHA Discrete Input Interface then triggers the appropriate message when the corresponding input on the Discrete Input Interface is closed.

The ALPHA Discrete Input Interface can be configured to accept inputs in several formats, including Discrete, BCD or Binary formats. It can also be configured as a counter. The discrete, binary and BCD inputs trigger change-of-status pre-programmed messages to run on ALPHA marquees such as "Warning: Conveyor Stopped." The up/down counter sends counts which can be displayed on the ALPHA marquee alone or incorporated into pre-programmed messages such as "Parts Count=1237."

The ALPHA Discrete Input Interface connects to as many as 32 contacts in blocks of 8 inputs. The interface simply mounts on a standard 35mm DIN rail and is easily connected to power, contacts and RS485 serial communications to the ALPHA marquees.

Provides:

- Easy connectivity to switches, contacts, photo eyes, proximity sensors, relays, PLC I/O blocks, etc.

- Simple interfacing to ALPHA displays via a RS485 network

- Configurations for discrete, binary (parallel) and up/down counting and BCD standard options, field adjustable

- Inputs with 24 VDC sink or source capabilities

- Quick message creation in the display corresponding to the appropriate contacts via the handheld remote or the ALPHA Messaging Software

ALPHA™ Discrete Input Interface Specifications

Discrete Input Interface	
Dimensions:	2.75"L x 4.25"D x 4.0"H, additional 1" (2.5 cm) wide for each input module (7.0 cmL x 10.8 cmD x 10.2 cmH)
Approximate Weight:	12 oz (340 g), 4 oz (113 g) per additional input module
Operating Temperature:	5° to 60°C (41°-140°F)
Humidity Range:	10% - 95% Noncondensing
Input Types:	Dry contact closure, 24 VDC
Output Protocol:	ALPHA Communications Protocol
Inputs:	Minimum 8, up to 32 in blocks of 8, sink or source
Mounting:	DIN Rail, 35x7 mm
Warranty:	1 year parts and labor
Power:	24 VDC or 24 VAC