



SHAIO-XXXXXXXX

Ver. 3 Rel. 01/05/2012

MICRO COMM[®]
 DRIVERS

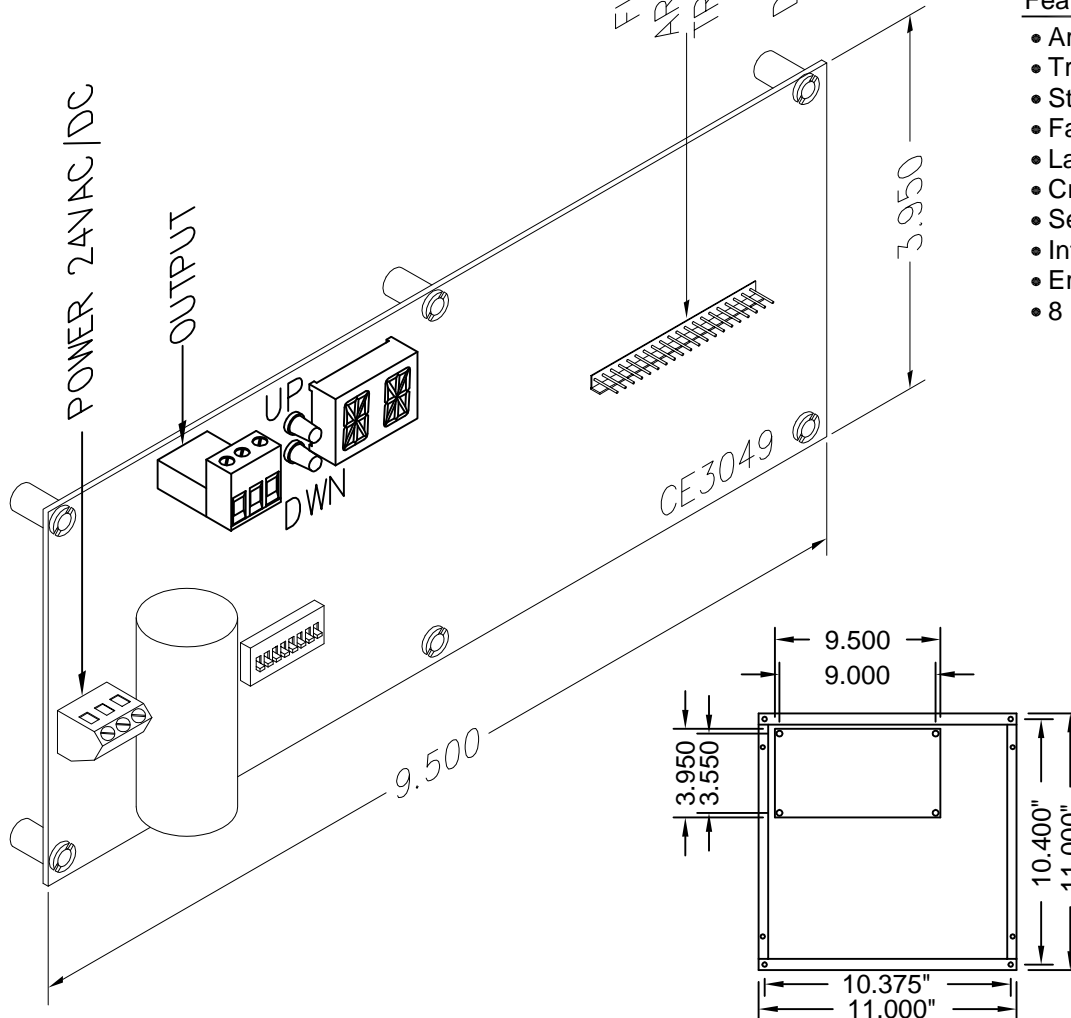
ALL IN ONE CONTROL DRIVER BOARD

Drives any remote display indicator (RDI's, Voice, Lanterns) on the C.E. Micro Comm 3-wire display network. The "SHAIO" accepts the floor select signals in a choice of formats and voltages, does a redundancy check to verify correct inputs, then sends out all necessary signals for digital floor position, car direction and passing chime to all RDI's via 3 wires.

Features:

- Arrival (Next Direction) arrows
- Traveling arrows
- Strobe (voice)
- Fast, 3-wire hookup
- Latched inputs
- Cross wire protected
- Self testing
- Integrated Alternate message module capable of 7 prioritized messages
- Error detection and correction feature
- 8 Floor Inputs

INPUTS FOR
 FLOOR SIGNALS
 ARRIVAL ARROWS
 TRAVEL ARROWS
 MESSAGES
 DOOR STROBE



NOTE:

* 1. May require external decoder board.

TO ORDER: - SHAIO - X X X X X X X

SIGNAL VOLTAGE:
 "A" = + 6 - 20 VDC, 6 - 24 VAC
 "B" = + 24 - 48 VDC, 24 - 48 VAC
 "C" = 120 VAC
 "D" = ± 125 VDC
 "E" = - 6 - 20 VDC
 "F" = - 24 - 48 VDC
 "G" = - 125 VDC

SIGNAL FORMAT:
 "1" = SINGLE LINE / FLOOR *
 "2" = BINARY
 "3" = UNITS & TENS
 "4" = GRAY CODE
 "5" = INVERTED BINARY
 "6" = SPECIAL
 "7" = PRO TECH FORMAT
 "8" = JRT FORMAT P367

TRAVEL ARROW VOLTAGE
 "A" = + 6 - 20 VDC, 6 - 24 VAC
 "B" = + 24 - 48 VDC, 24 - 48 VAC
 "C" = 120 VAC
 "D" = ± 125 VDC
 "E" = - 6 - 20 VDC
 "F" = - 24 - 48 VDC
 "G" = - 125 VDC

ARRIVAL ARROW VOLTAGE (next direction)
 "A" = + 6 - 20 VDC, 6 - 24 VAC
 "B" = + 24 - 48 VDC, 24 - 48 VAC
 "C" = 120 VAC
 "D" = ± 125 VDC
 "E" = - 6 - 48 VDC
 "F" = - 24 - 48 VDC
 "G" = - 125 VDC

STROBE VOLTAGE (speech)
 "A" = + 6 - 20 VDC, 6 - 24 VAC
 "B" = + 24 - 48 VDC, 24 - 48 VAC
 "C" = 120 VAC
 "D" = ± 125 VDC
 "E" = - 6 - 20 VDC
 "F" = - 24 - 48 VDC
 "G" = - 125 VDC

MAMMI VOLTAGE (messages)
 "A" = + 6 - 20 VDC, 6 - 24 VAC
 "B" = + 24 - 48 VDC, 24 - 48 VAC
 "C" = 120 VAC
 "D" = ± 125 VDC
 "E" = - 6 - 20 VDC
 "F" = - 24 - 48 VDC
 "G" = - 125 VDC

TRANSFORMER/BUILD
 "B" = SWITCHABLE 110/220VAC W/BOX
 "X" = NO TRANSFORMER, NO BOX
 "S" = NO TRANSFORMER, W/BOX

NOTE: 8 Discrete or Binary Inputs - may require additional input boards