

ECSI International

SERIES 8500
INTEGRATED PERSONNEL & VEHICLE ENTRY CONTROL



ENTRY CONTROL ELEMENT 11

Entry Control Element 11 is the Field Distribution Box (FDB) which is a NEMA 4X environmentally controlled enclosure that integrates the personnel and vehicle entry control Elements required to operate the automated entry control system.

The FDB is sealed and air conditioned to control temperature and humidity for the enclosed electronics. The FDB provides the communications and control between the entry control elements and the control center via either wired or RF wireless encrypted network.

HOFFMAN ENCLOSURE

DIMENSIONS:
62"H x 48"W x 10"D

WEIGHT:
402 Lbs.

Material:
12 Gauge Steel

Finish:
Powder Coating
Color to Match

- FEATURES:**
- Three-Point Latch For Security And Ease Of Use
 - Return Flange Around The Door Opening Excludes Liquids And Contaminants
 - Removable Center post Permits Easy Panel Installation

PoE SWITCH

DIMENSIONS:
1.6"H x 17.3"W x 10.1"D

WEIGHT: 8.1 Lbs.
BANDWIDTH: 48 Gbps

ENVIRONMENTAL SPECS:
OPERATING TEMP.: 32 to 104 F
OPERATING HUMIDITY: <= 90%,

ELECTRICAL SPECIFICATIONS:
INPUT: 100-240 VAC
50-60 Hz
MAX. POWER: 225W
PoE BUDGET: 192W

STANDARDS COMPATABILITY:
IEEE 802.3 10BASE-T; IEEE 802.3u
100BASE-TX; IEEE 802.3ab 1000BASE-T;
IEEE 802.3x full-duplex flow control; IEEE 802.3af (PoE)

UPS

DIMENSIONS:
17" H x 22" W x 3.35" D

WEIGHT: 60.5 Lbs.

ENVIRONMENTAL SPECIFICATIONS:
OPERATING TEMP.: 32-104F
OPERATING HUMIDITY: 0-95%

ELECTRICAL SPECIFICATIONS:
SURGE RATING: 540J
INPUT:
NOMINAL V: 120VAC
FREQUENCY: 50/60Hz
OUTPUT:
NOMINAL V: 120VAC
FREQUENCY: 50/60Hz
POWER (MAX): 1050 W

POWER SUPPLY

DIMENSIONS:
5.4" H x 7" W x 2.3" D

ELECTRICAL SPECS:
INPUT:
VOLTAGE: 115 VAC(60Hz)
CURRENT: 1.9A
FUSE RATING: 3.5A/250V
MAX. CHARGE A: .7 A
OUTPUT:
VOLTAGE: 12 or 24 VDC
CURRENT: 6 A

FUSE BOARD

DIMENSIONS:
3.25" H x 5.25 W x 1" D

ELECTRICAL SPECS:
INPUT:
VOLTAGE: 28v (AC/DC)
OUTPUT:
VOLTAGE: 28v (AC/DC)
CURRENT (MAX): 2.5 A

CERTIFICATIONS:
PTC protected, Class 2 Rated

INPUT CONTROL MODULE

DIMENSIONS: 8"H x 6"W x 1" D

WEIGHT: 9 oz.

ENVIRONMENTAL SPECS:
OPERATING TEMP.: -55 TO +85 C
OPERATING HUMIDITY: 0-95%

ELECTRICAL SPECS:
OPERATING VOLTAGE:
12-24 VDC
NOMINAL CURRENT:
220mA(24V);300mA(12V)
MAXIMUM CURRENT:
350Ma

CERTIFICATIONS:
UL294 & UL1076, ULC, WEEE, FCC
part 15, C-Tick, RoHS

Contact:

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OUTPUT CONTROL MODULE

DIMENSIONS: 8"H x 6"W x 1" D

WEIGHT: 14 oz.

ENVIRONMENTAL SPECS:

OPERATING TEMP: 0 to +70C
OPERATING HUMIDITY: 0-95%

ELECTRICAL SPECIFICATIONS:

OPERATING VOLTAGE: 12-24 VDC
NOMINAL CURRENT: 450mA(24V); 850mA(12V)
MAXIMUM CURRENT: 1100 mA

CERTIFICATIONS:

UL294 & UL1076, ULC, WEEE, FCC part 15, C-Tick, CE, RoHS

WIRELESS BRIDGE

DIMENSIONS:

260 x 200 x 60 mm

OPERATING TEMPERATURE:

-40 to +50 C

ELECTRICAL SPECS:

OPERATING VOLTAGE: 5 VDC
OPERATING CURRENT: 3 Amps

CERTIFICATIONS:

TECHNOLOGY: IEEE 802.11a/b/g,, Turbo A, Super G
SECURITY: FIPS 140-2

INTERFACE MODULE

DIMENSIONS: 8" H x 6" W x 1" D

WEIGHT: 11 oz.

ENVIRONMENTAL SPECS:

OPERATING TEMP: 0 to +70C
OPERATING HUMIDITY: 0-95%

ELECTRICAL SPECS:

OPERATING VOLTAGE: 12-24VDC
NOMINAL CURRENT: 270mA(24V)
450mA(12V)
MAXIMUM CURRENT: 550mA

CERTIFICATIONS:

UL 294 & UL 1076, ULC, CE, WEEE, FCC part 15, C-Tick, RoHS

WIRELESS ANTENNA

DIMENSIONS:

22 x 183 mm

WEIGHT:

70 g

ENVIRONMENTAL SPECS:

OPERATING TEMP: -40 to +70 C
OPERATING HUMIDITY: <=95%
MAX. WIND SPEED: 216 km/hr

ELECTRICAL SPECS:

OPERATING FREQUENCIES:
2.4-2.483 GHz
5.15-5.875 GHz
POWER HANDLING: 2 W
IMPEDANCE: 50 Ohm

PLC

DIMENSIONS:

3.5"H x 7.09"W X 3.43"D

WEIGHT:

2 Lbs.

ELECTRICAL SPECS:

POWER IN: 100-240 VAC, 47-63 Hz
POWER CONSUMPTION: 120 VA

INPUTS:

Inputs 0-11:

On-State Voltage: 4.5-24VDC
On-State Current: 7.1-10.5mA
Off-State Voltage: 0-1.5VDC
Leakage Current: <= .2mA
Operating Frequency: 0-100 kHz

PLC (cont.)

Inputs 12:

On-state Voltage: 10-24VDC
On-State Current: 3.2-5.5 mA
Off-State Voltage: 0-5VDC
Leakage Current: <=1.5mA
Operating Frequency: 0-1kHz

OUTPUTS:

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Contact:

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