

EA-P1 PIN and RFID Access Controller

Surface or flush mounting

Features

- Simple PIN programming
- LED indicator and audible feedback for programming and lock status
- 5 independent codes from 4 to 8 digits, up to 9,999 user cards
- Non-volatile memory retains data after power is removed
- Programmable door release and alarm time
- Surface or rear mount
- Custom color and logo options

Electrical Specifications

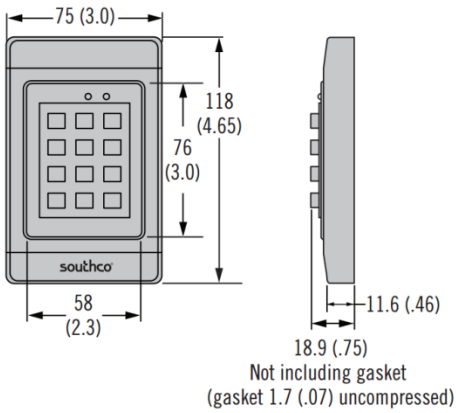
- PIN code length: Programmable 1 to 8 digits
- Monitoring inputs: Auxiliary, case tampering
- Typical maximum read range: 10 cm (depending on installation)
- Frequency of operation: 125 kHz (EM), others available upon request
- Modes of operation Card only, PIN and card, PIN or card, Bypass
- Power: 12 VDC, 80 mA in standby, 105 mA working current (typical)
- Operating temperature: 0 - 50 °C
- Operating humidity: 20 - 90% RH, no condensation

Material

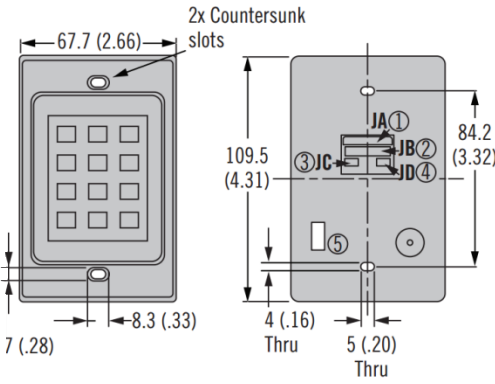
- Polycarbonate and ABS Plastic



Bezel Attached

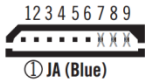


Without Bezel



Connector Details

(Note: Mating connectors with approximately 160mm (6.3) of wiring, stripped and tinned provided with controller).



- Door access
- 1 (Red) ← +12 VDC
 - 2 (Black) ← Ground
 - 3 (Brown) → NO
 - 4 (Orange) ← COM } Relay Output A (Max. 2A / 30 VDC)
 - 5 (Yellow) → NC
 - 6 (Green) ← Auxiliary input
 - 7 (Blue) ← X
 - 8 (Purple) ← X
 - 9 (Grey) ← X



- Tamper switch output
- J (Blue) → NC
 - K (Green) → NO
 - L (Yellow) ← COM



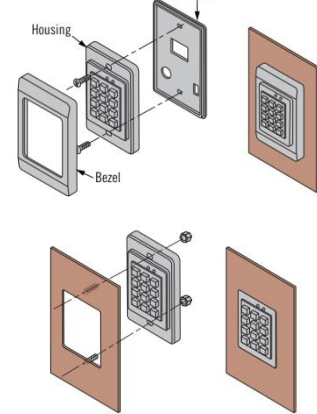
Lockout alarm output

- E (Green) → Lockout alarm output (NO) } Relay Output B
- F (Blue) ← Lockout alarm output (COM) (Max. 2A / 30 VDC)



- External Wiegand Reader
- 1 (Red) → +12VDC
 - 2 (Yellow) ← Data1
 - 3 (Green) ← Data0
 - 4 (Black) → Ground

Mounting



Part Number Selection

EA - P1 - 01 **C** - **L**

- C** Color
- 0 Black
 - 1 White
 - 2 Cool gray

- L** Logo
- Omit No logo
 - 9 Southco logo



Proximity card: EA-C1-011-9 (Contact Gripwell Sales for custom colour and logo options)

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