

Entra+ Control Units



The Entra+ door controller supports all major reader types creating a total solution for your access control application. The controller has reader, RTE, door contact, auxiliary output and a 1.5A 12V lock output. The lock output may be changed on the board with a simple jumper from fail safe to fail secure.

To reduce on-site costs you are able to cable up to 10 controllers via a 48 vdc bus, eliminating the requirement for a 230v fuse spur at each door. The controller converts the higher voltage down to 12vdc with a 1.5A output to each lock. All controllers have non-volatile memory.

Features & Benefits

- Up to 25,000 card holders per door
- Unlimited number of controllers per system
- Unlimited number of doors per system RS485 or Ethernet/LAN connection
- 1000 event log
- 252 trigger events
- Unlimited access levels up to 63 time zones



Entra+ Control Units

Connections

Reader Connections	
+5V	+5v output
RDA	Reader A
RDB	Reader B
IND	Indicator
GND	Ground
12V	12v output

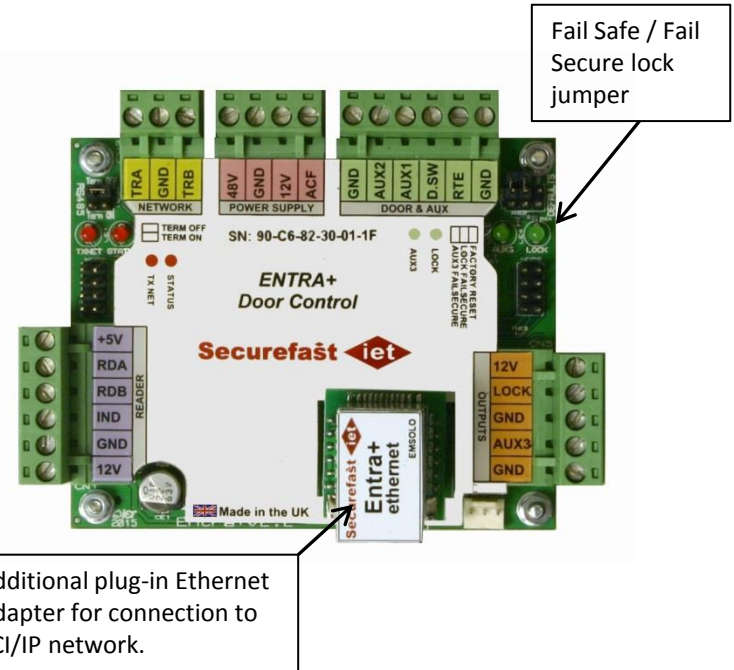
Power Supply Connections	
48V	48v dc input
GND	Ground
12V	12v dc input
ACF	Ac voltage fail

Door & Aux Connections	
GND	Ground
AUX2	Auxiliary input 2
AUX1	Auxiliary input 1
D.SW	Door switch
RTE	Request to exit
GND	Ground

Output Connections	
12V	12v dc output
LOCK	12v dc lock output
GND	Ground
AUX3	Auxiliary output
GND	Ground

Network Connections	
TRA	Transmit Receive A
GND	Ground
TRB	Transmit Receive B

Code	Description	Amps
AEN2005	Entra+ One door controller (Board Only)	
AEN2010	Entra+ One door controller with 3 amp 12V dc PSU - (H) 275mm x (W) 330mm x (D) 80mm	3 amp
AEN2020	Entra+ Two door controller with 3 amp 12V dc PSU - (H) 275mm x (W) 330mm x (D) 80mm	3 amp
AEN2025	Entra+ Three door controller with 8 amp 12V dc PSU - (H)410mm x (W) 390mm x (D) 80mm	8 amp
AEN2030	Entra+ Four door controller with 8 amp 12V dc PSU - (H)410mm x (W) 390mm x (D) 80mm	8 amp
AEN2050	Entra+ Ethernet/LAN adaptor for use between ACU and PC when using LAN/WAN infrastructure	
AEN-DONGLE	Dongle to interface RS485 network with software and for attaching take on reader	



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