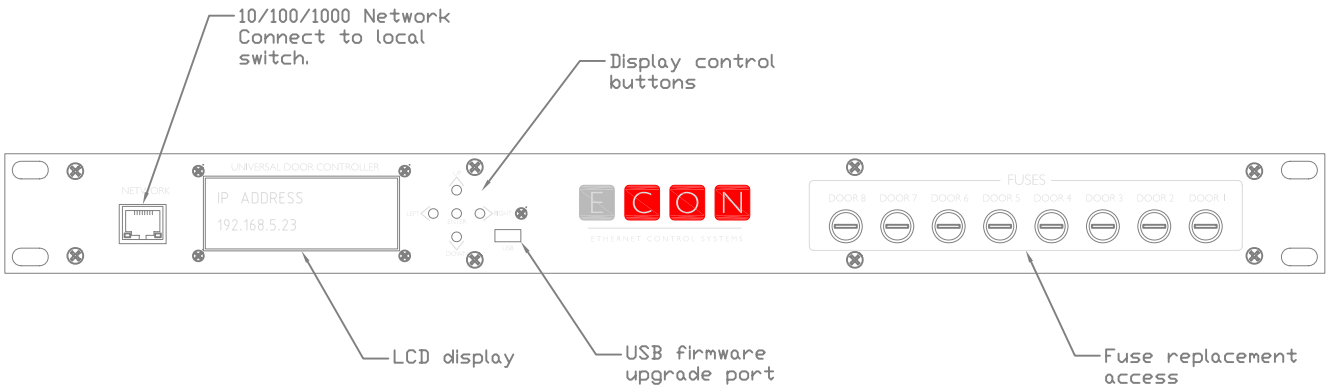
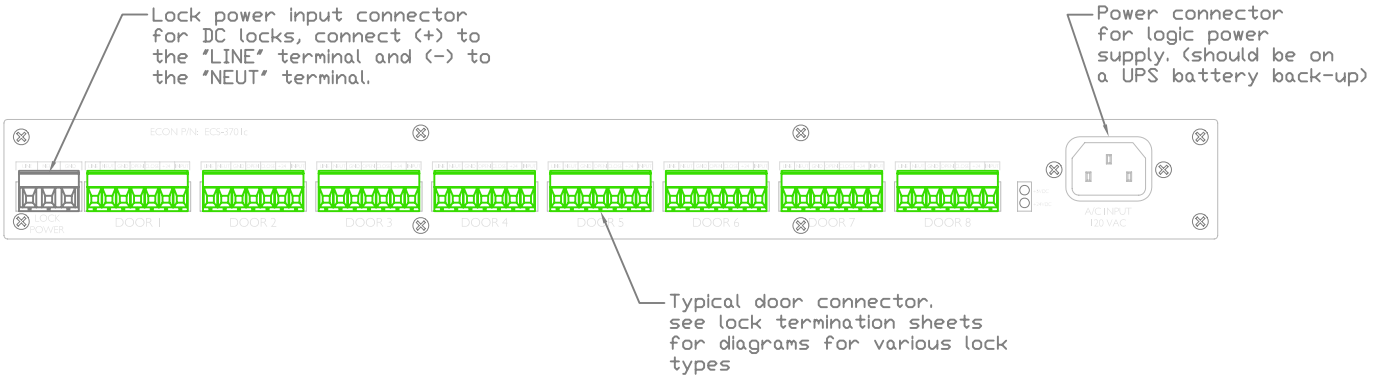
ETHERNET CONTROL SYSTEMS

Connection overview - ECS 3701b



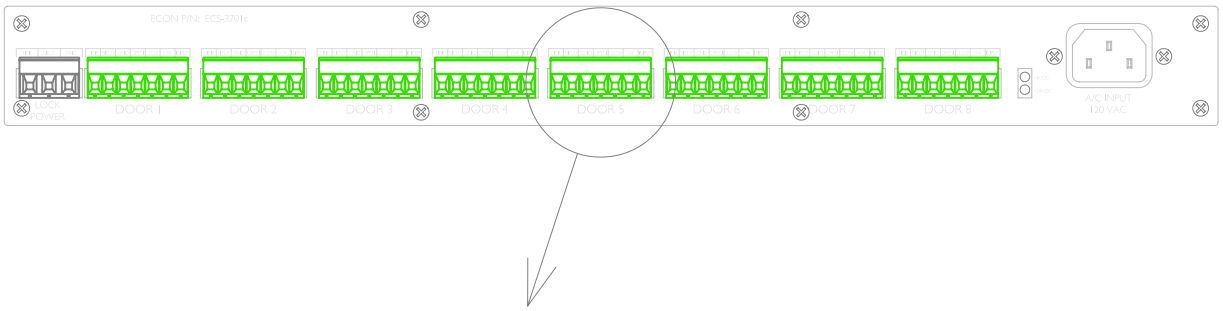


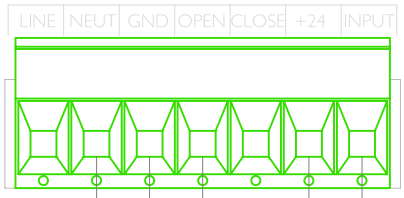
NOTE:
DO NOT USE THIS CONTROLLER FOR VEHICULAR DOORS OR GATES. USE THE UNIVERSAL GATE CONTROLLER (ECON P/N 3704)

NOTE:
DO NOT USE THIS CONTROLLER FOR VEHICULAR MAGNETIC LOCKS OR OTHER LOCKS REQUIRING A NORMALLY CLOSED OUTPUT TO KEEP DOOR LOCKED.. USE THE GENERAL INPUT/OUTPUT CONTROLLER (ECON P/N 3709)

ETHERNET CONTROL SYSTEMS

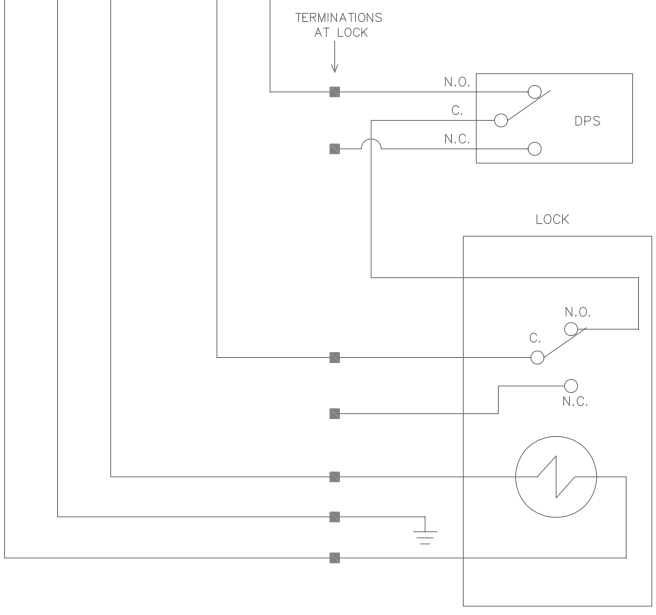
Lock termination diagram - ECS 3701b for Solenoid Lock with normally closed door position circuit.





DOOR 5

NOTE:
IF THE SYSTEM IS CONFIGURED TO USE A CLOSED CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN SERIES AS SHOWN.



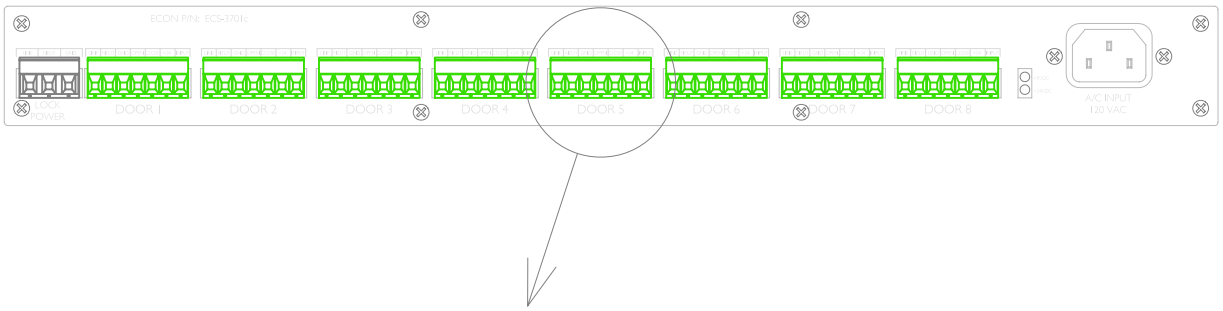
SHOWN IN CLOSED AND LOCKED POSITION

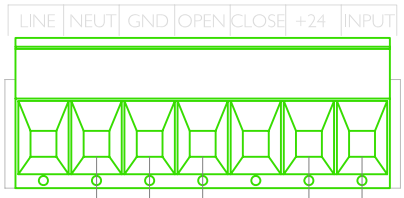
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

ETHERNET CONTROL SYSTEMS

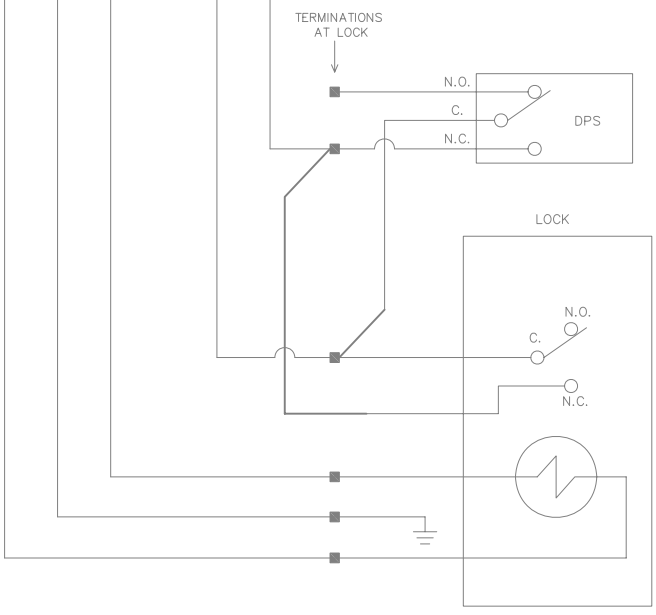
Lock termination diagram - ECS 3701b for Solenoid Lock with normally open door position circuit.





DOOR 5

NOTE:
IF THE SYSTEM IS CONFIGURED TO USE AN OPEN CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN PARALLEL AS SHOWN.



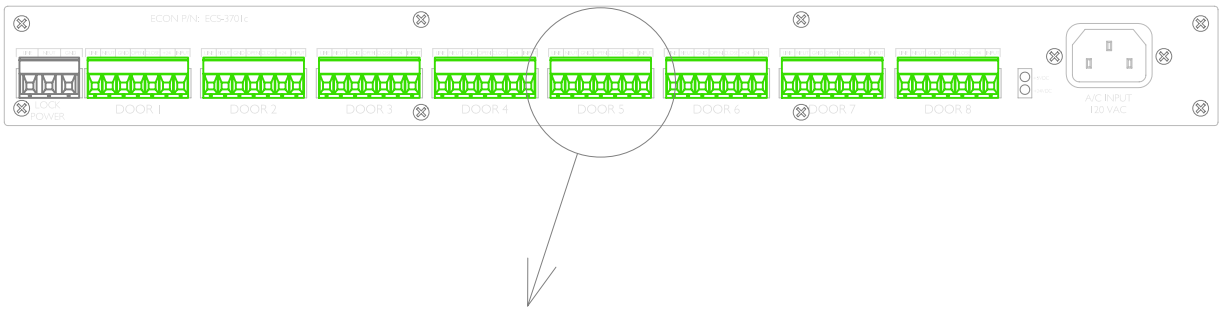
SHOWN IN CLOSED AND LOCKED POSITION

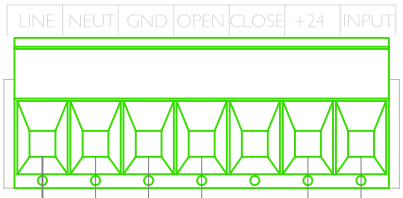
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

ETHERNET CONTROL SYSTEMS

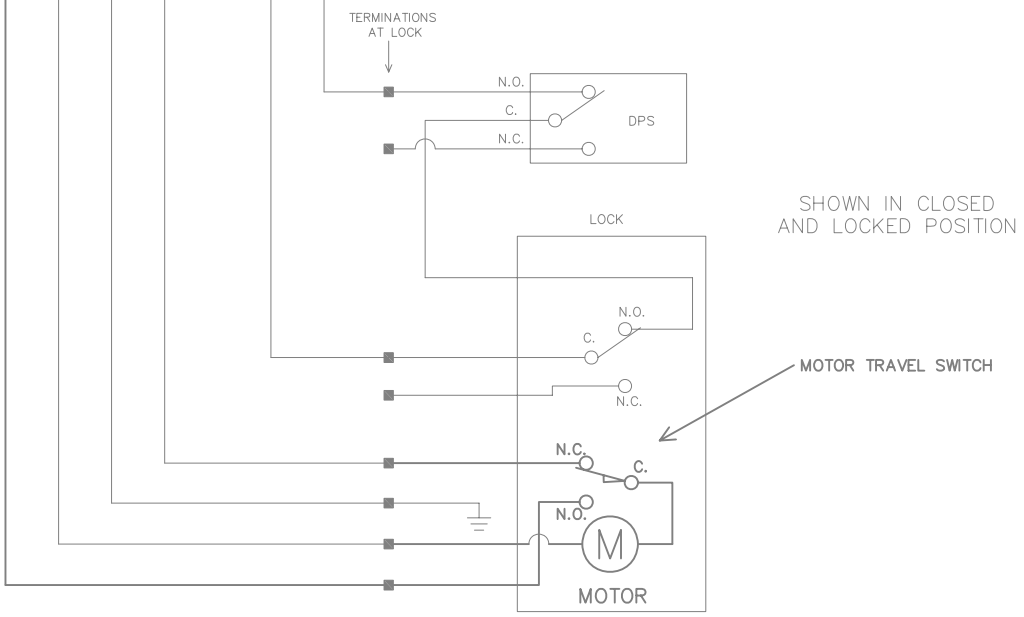
Lock termination diagram - ECS 3701b for Motorized Lock with normally closed door position circuit.





DOOR 5

NOTE:
IF THE SYSTEM IS CONFIGURED TO USE A CLOSED CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN SERIES AS SHOWN.



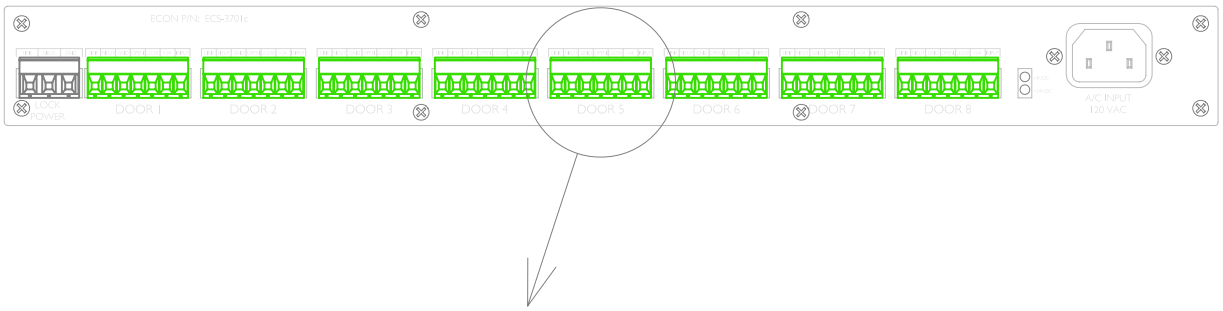
SHOWN IN CLOSED AND LOCKED POSITION

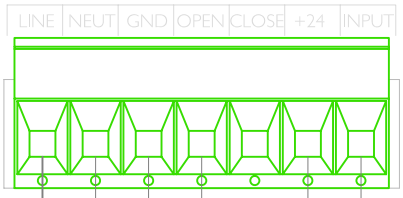
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

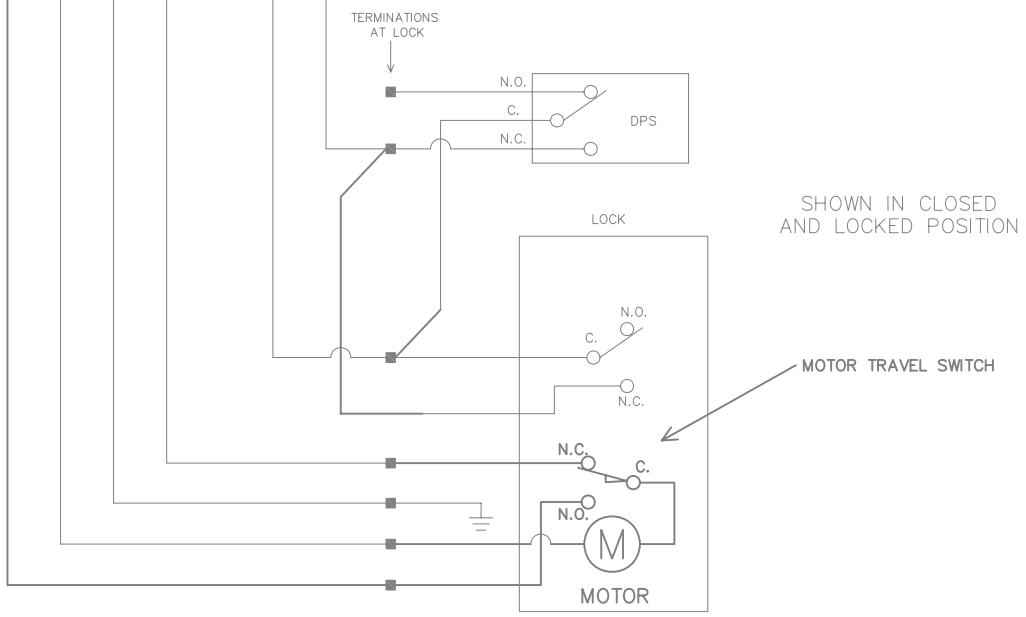
ETHERNET CONTROL SYSTEMS

Lock termination diagram - ECS 3701b for Motorized Lock with normally open door position circuit.





NOTE:
IF THE SYSTEM IS CONFIGURED TO USE AN OPEN CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN PARALLEL AS SHOWN.



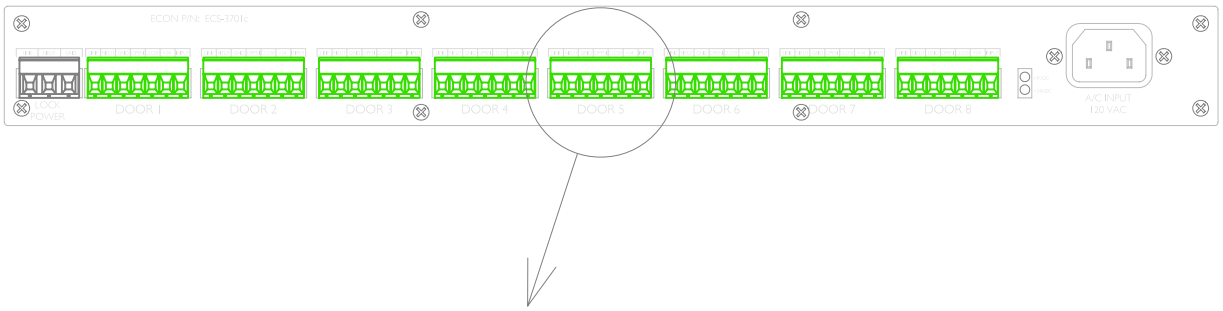
SHOWN IN CLOSED AND LOCKED POSITION

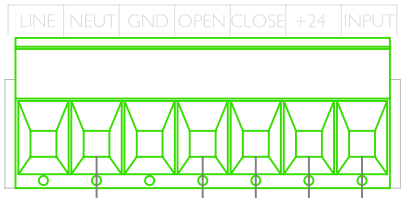
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

ETHERNET CONTROL SYSTEMS

Lock termination diagram - ECS 3701b for Sliding Doors with normally closed door position circuit.

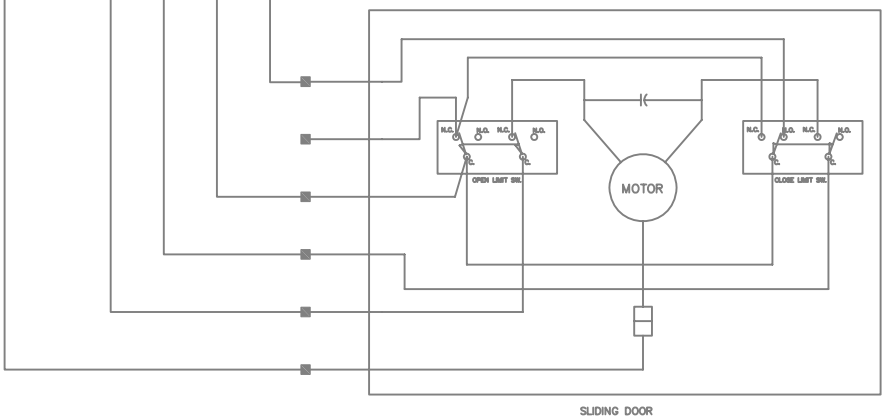




DOOR 5

NOTE:
IF THE SYSTEM IS CONFIGURED TO USE A CLOSED CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN SERIES AS SHOWN.

SHOWN IN CLOSED AND LOCKED POSITION



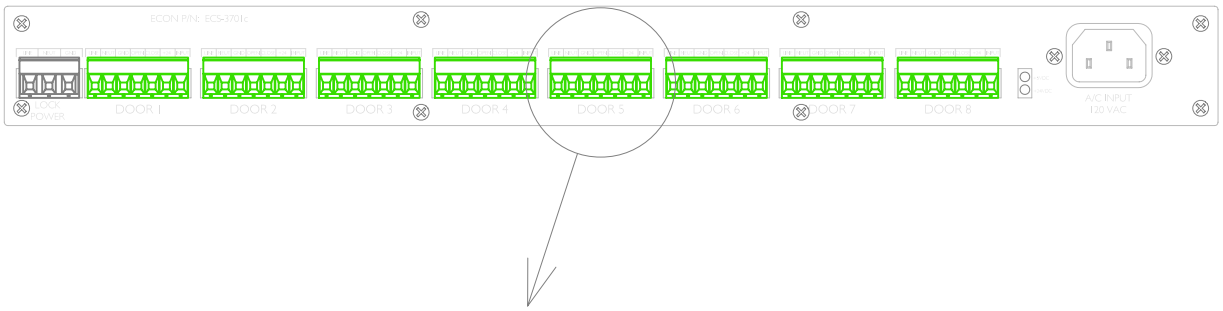
SLIDING DOOR

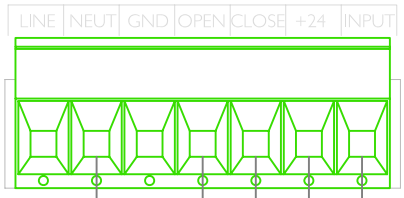
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

ETHERNET CONTROL SYSTEMS

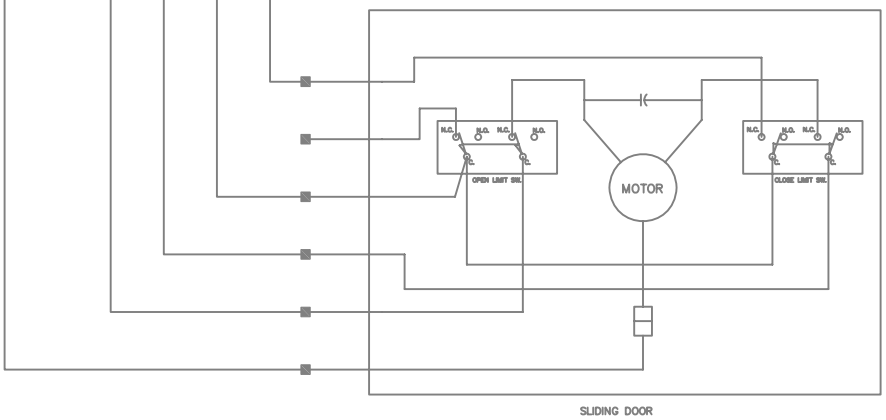
Lock termination diagram - ECS 3701b for Sliding Doors with normally open door position circuit.





NOTE:
IF THE SYSTEM IS CONFIGURED TO USE AN OPEN CIRCUIT FOR DOOR STATUS TO BE SECURE, WIRE DOOR POSITION SWITCH AND LOCK POSITION SWITCH IN PARALLEL AS SHOWN.

SHOWN IN CLOSED AND LOCKED POSITION



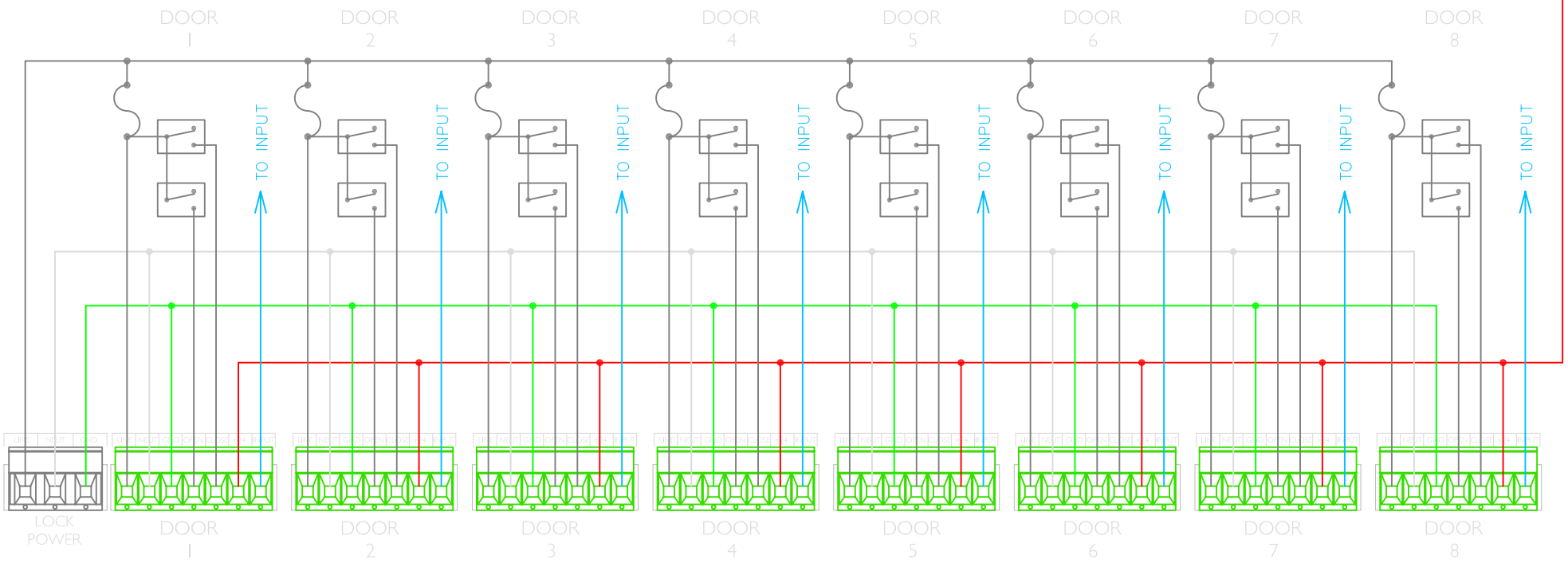
NOTE: USE STRANDED WIRE ONLY
14 GA MINIIMUM FOR 120VAC DEVICES.

GROUND IN ACCORDANCE WITH LOCK MANUFACTURER'S REQUIREMENTS

ETHERNET CONTROL SYSTEMS

Internal Circuitry - ECS 3701b

+ 24 VDC BUSS FROM INTERNAL POWER SUPPLY



ENGLISH

	NAME	DATE	TITLE: Internal Circuitry diagram
DRAWN	BJH	12/27/2012	
CHECKED	SPP	12/27/2012	DWG. NO.
Q.A.			SIZE / PART NO. ECS-3701B / REV B
			SCALE: nts / SHEET 1 OF 1