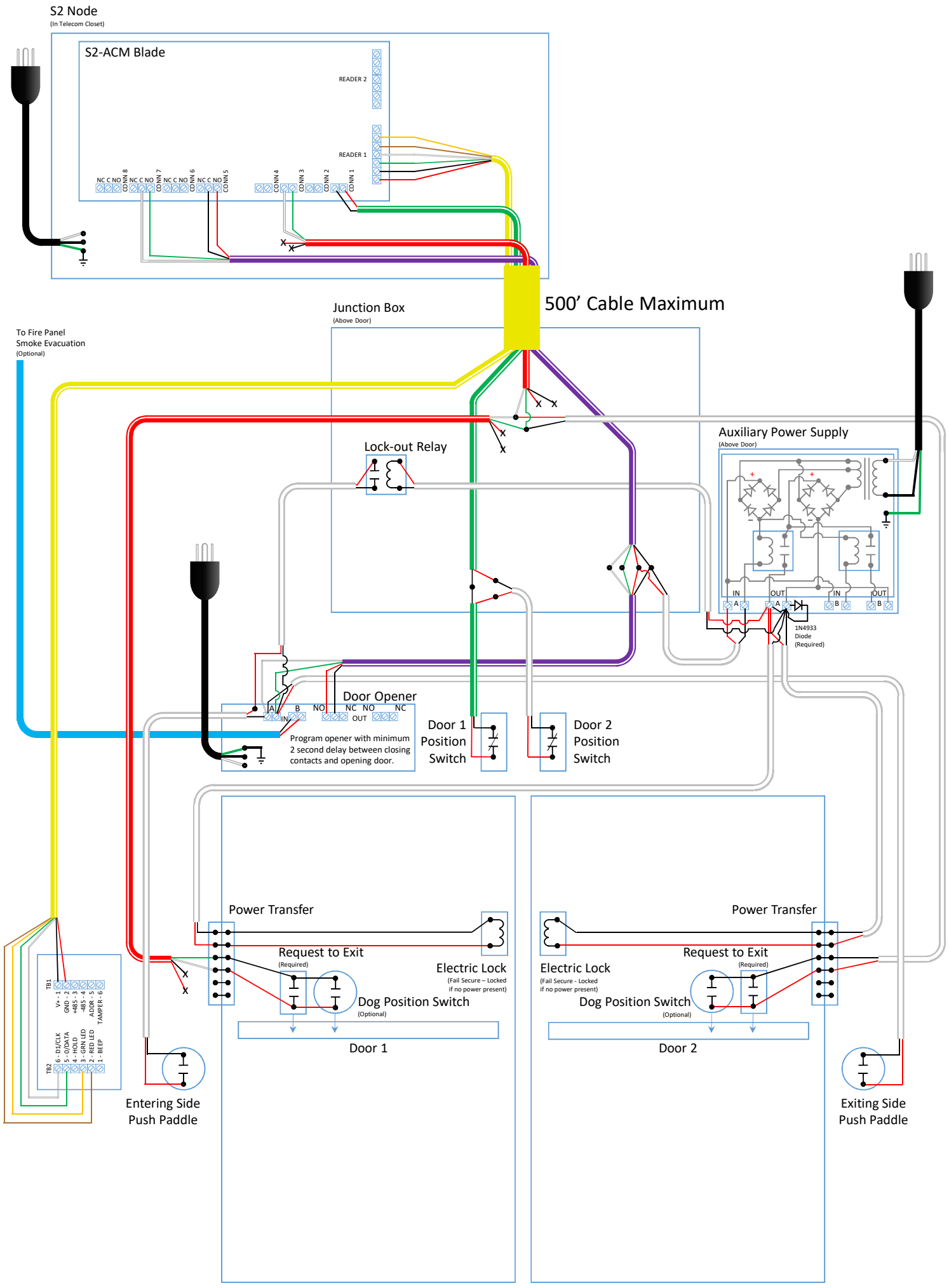
S2 Node
(In Telecom Closet)
S2-ACM Blade
READER 2
READER 1
NC C NO 8
CONN 8
NC C NO 7
CONN 7
NC C NO 6
CONN 6
NC C NO 5
CONN 5
CONN 4
CONN 3
CONN 2
CONN 1
500’ Cable Maximum
Junction Box
(Above Door)
To Fire Panel
Smoke Evacuation
(Optional)
Lock-out Relay
Auxiliary Power Supply
(Above Door)
IN
OUT
IN
OUT
A
A
B
B
1N4933
Diode
(Required)
Door Opener
A
B
NO
IN
NC
NO
NC
OUT
Program opener with minimum
2 second delay between closing
contacts and opening door.
Door 1
Position
Switch
Door 2
Position
Switch
TB1
V+ - 1
GND - 2
+485 - 3
-485 - 4
ADDR - 5
TAMPER - 6
TB2
6 - D1/CLK
5 - 0/DATA
4 - HOLD
3 - GRN LED
2 - RED LED
1 - BEEP
Power Transfer
Request to Exit
(Required)
Electric Lock
(Fail Secure – Locked
if no power present)
Dog Position Switch
(Optional)
Door 1
Power Transfer
Request to Exit
(Required)
Electric Lock
(Fail Secure - Locked
if no power present)
Dog Position Switch
(Optional)
Door 2
Entering Side
Push Paddle
Exiting Side
Push Paddle