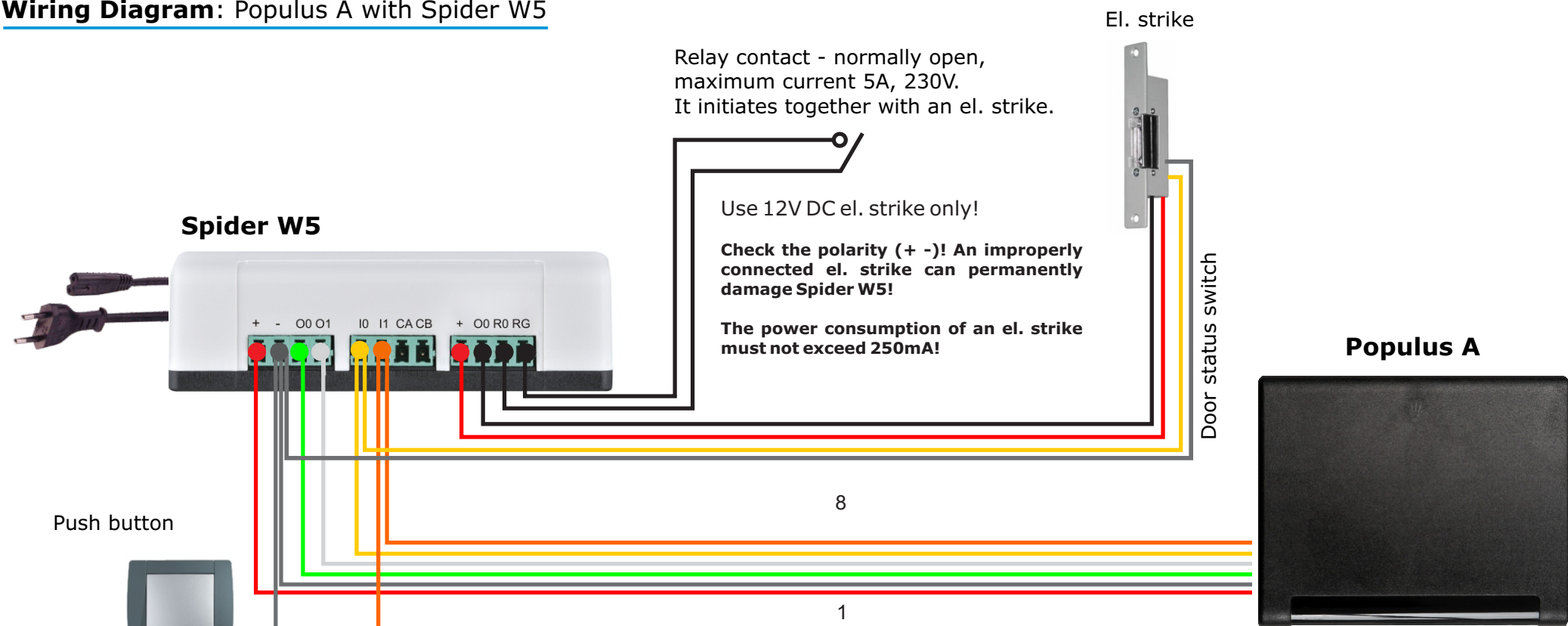


Wiring Diagram: Populus A with Spider W5



Connect the controller to the Spider W5 power supply as shown in the diagram with a standard UTP cable.

For distances greater than 25m, use one twisted pair of UTP cable for each pole ( + and -).

The cable length between the power supply and the controller should not exceed 50m. Connect the Spider W5 to the mains power 110-230V AC with the enclosed power cord.

Relay contact - normally open, maximum current 5A, 230V. It initiates together with an el. strike.

Use 12V DC el. strike only!

Check the polarity (+ -)! An improperly connected el. strike can permanently damage Spider W5!

The power consumption of an el. strike must not exceed 250mA!

CONNECTION CABLE

Wire	Colour	Description	Spider Connector
1	Red	9-14V DC	+
2	Gray	GND	-
3	Green	El. strike output	O0
4	White	Alarm output	O1
5	Yellow	Door status switch input	I0
6	Orange	Push button input	I1
7	Light blue	RS-485 CA	CA
8	Brown	RS-485 CB	CB

LAN

Wire	Colour	Description	Connector
9	Dark blue	ETH TXP	Rj45 PIN 1
10	Pink	ETH TXN	Rj45 PIN 2
11	Black	ETH RXP	Rj45 PIN 3
12	Purple	ETH RXN	Rj45 PIN 6

