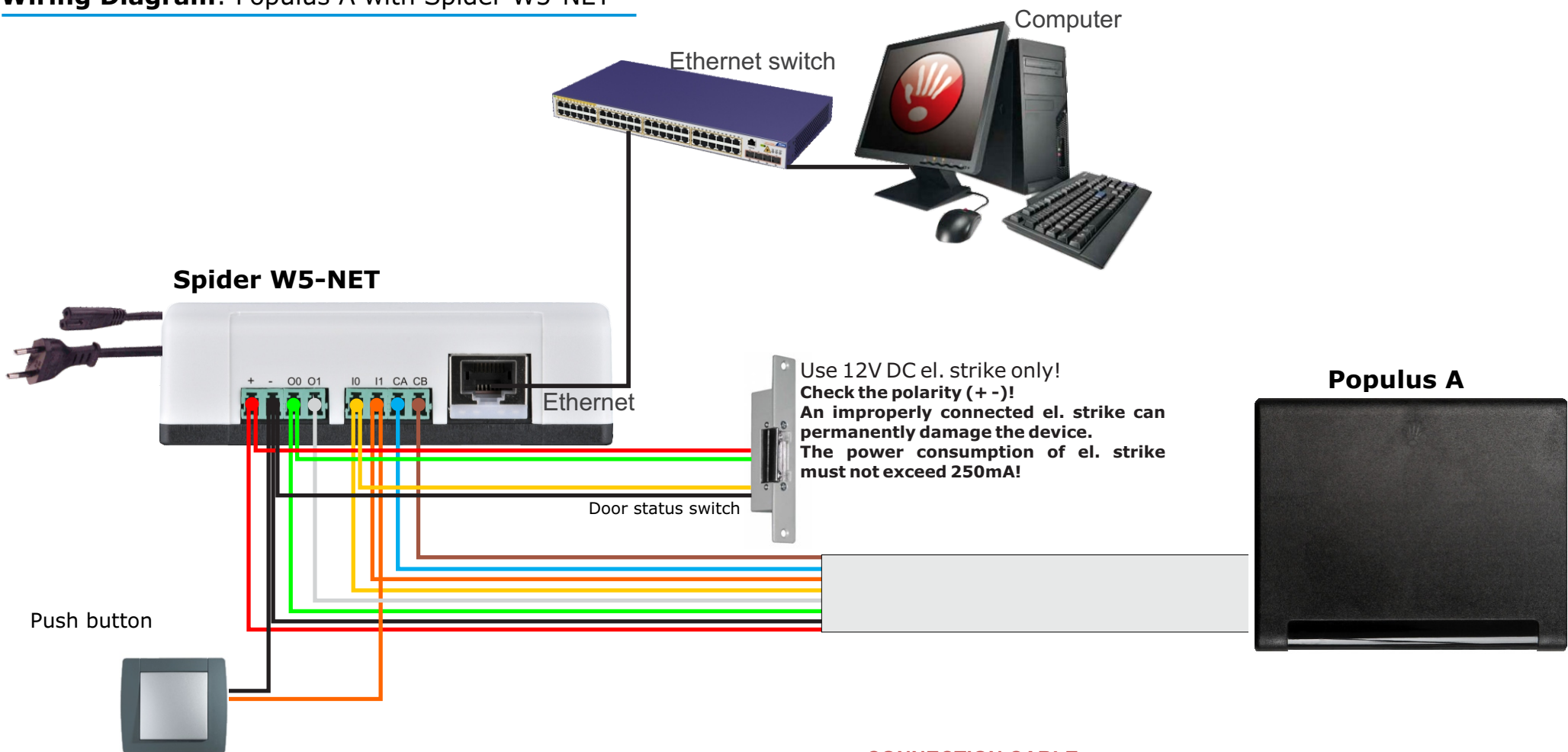


Wiring Diagram: Populus A with Spider W5-NET



Connect controller to the Spider W5-NET 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-NET to the mains power 110-230V AC with the enclosed power cord.

CONNECTION CABLE

Wire*	Colour	Description	Spider Connector
1	Red	9-14V DC	+
2	Gray/Black	GND	-
3	Green	El. strike output	O0
4	White	Not connected	O1
5	Yellow	Door switch input	I0
6	Orange	Push button input	I1
7	Blue	RS-485 CA	CA
8	Brown	RS-485 CB	CB

\* 1. wire is coloured red