Wiring Diagram: Rex R-1-9 with Spider W5-NET

Computer

Ethernet switch

Rex R-1-9

15/11
09:23:52

Black Line

Spider W5-NET

+ − O0 O1 I0 I1 CA CB

Ethernet

Use 12V DC el. strike only!
Check the polarity (+ −)!
An improperly connected el. strike can permanently damage the device.
The power consumption of el. strike must not exceed 250mA!

Door status switch

8

Push button

1
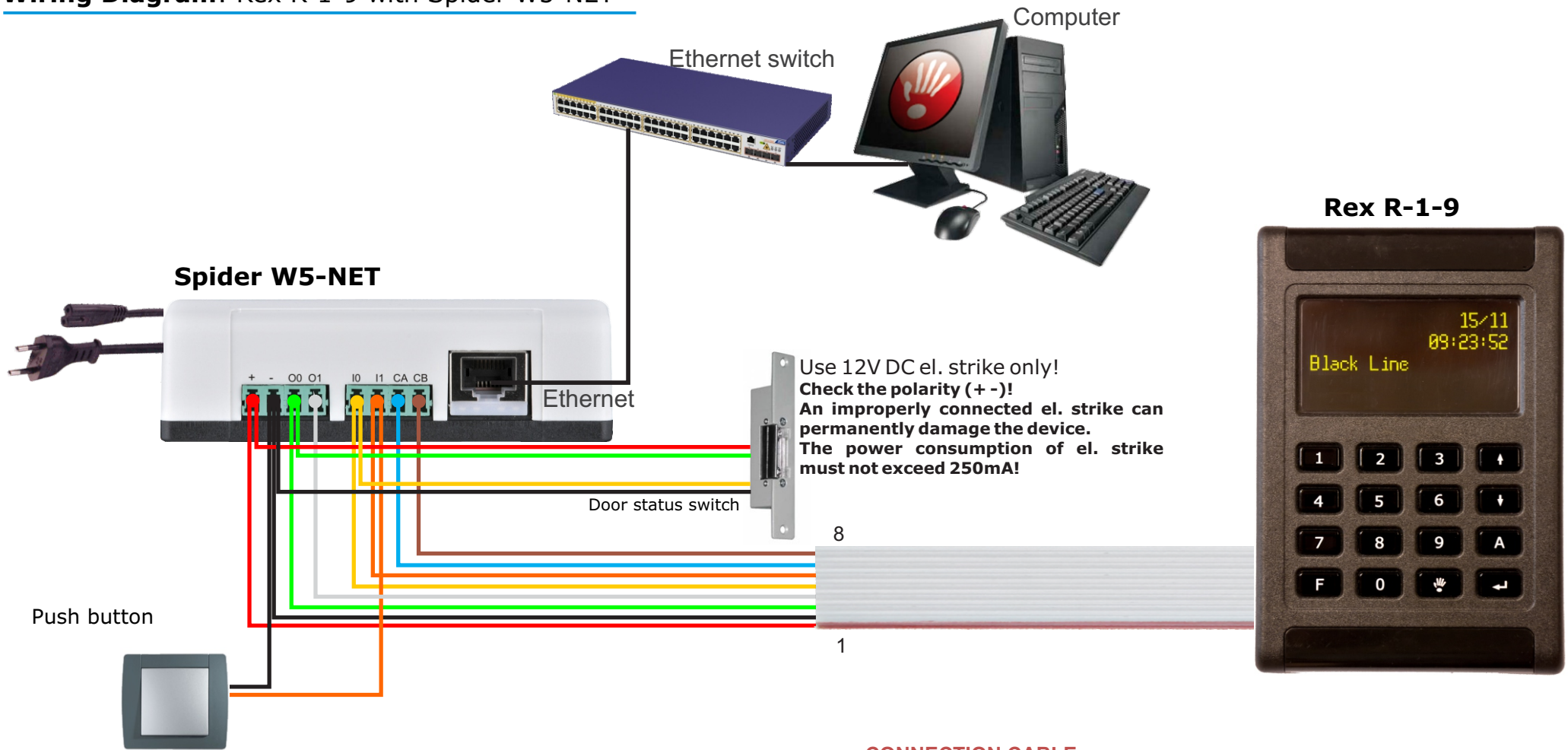
Connect Rex to the Spider W5-NET power supply as shown in the diagram with a standard UTP cable.

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 Rex 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

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