

Wiring diagram EMZY3

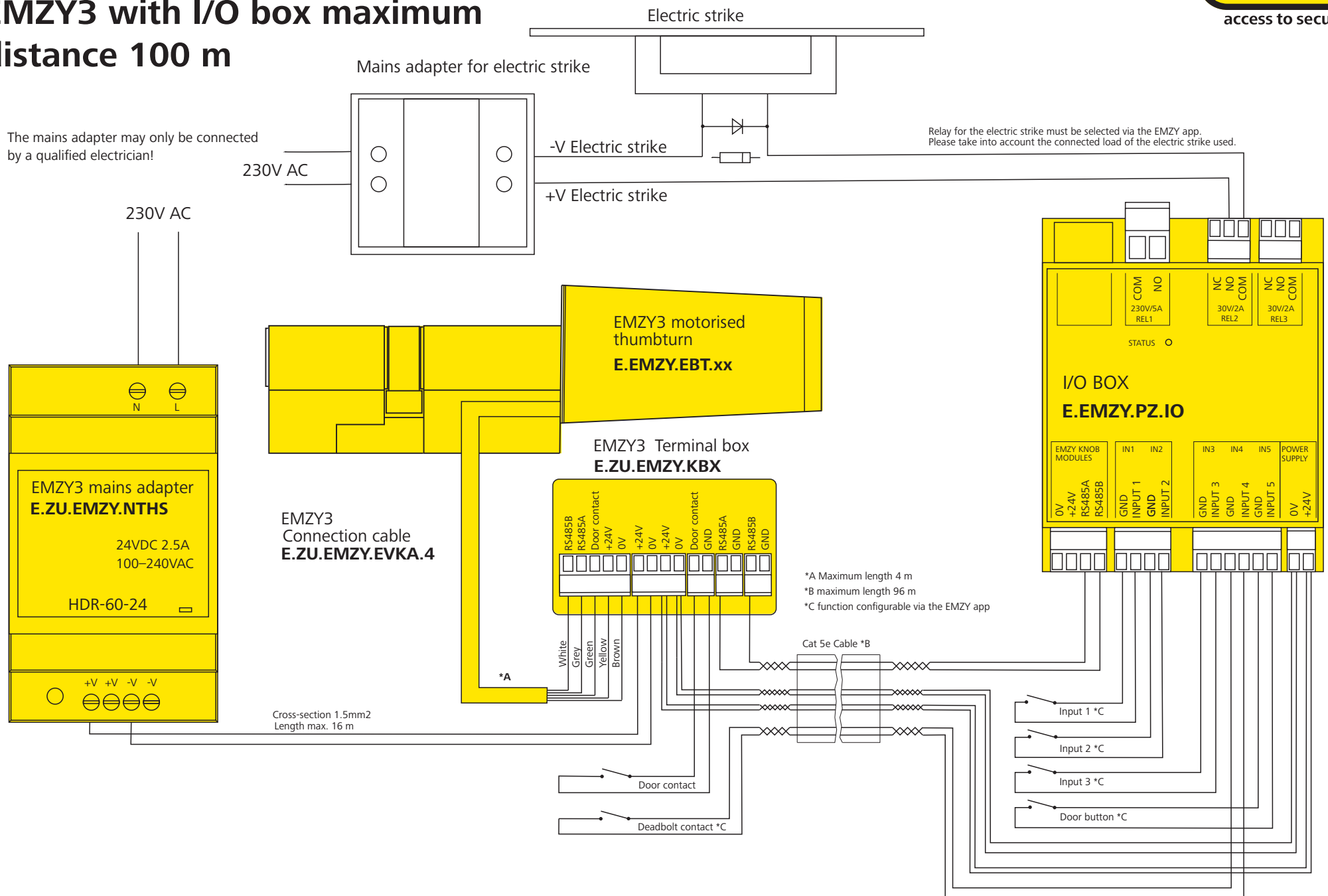
EMZY3 with I/O box

maximum distance 10 m/20 m

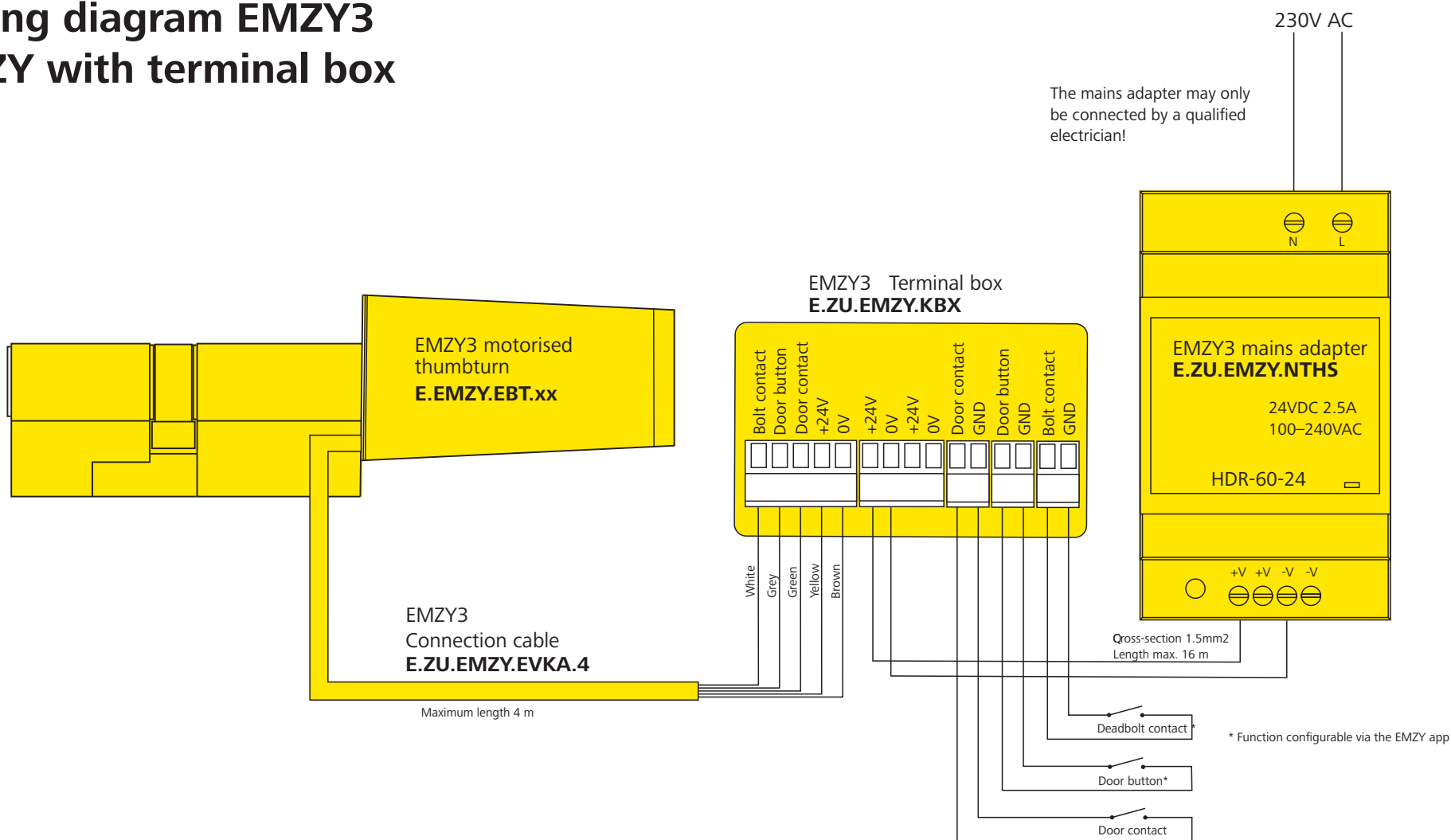
Wiring diagram EMZY3

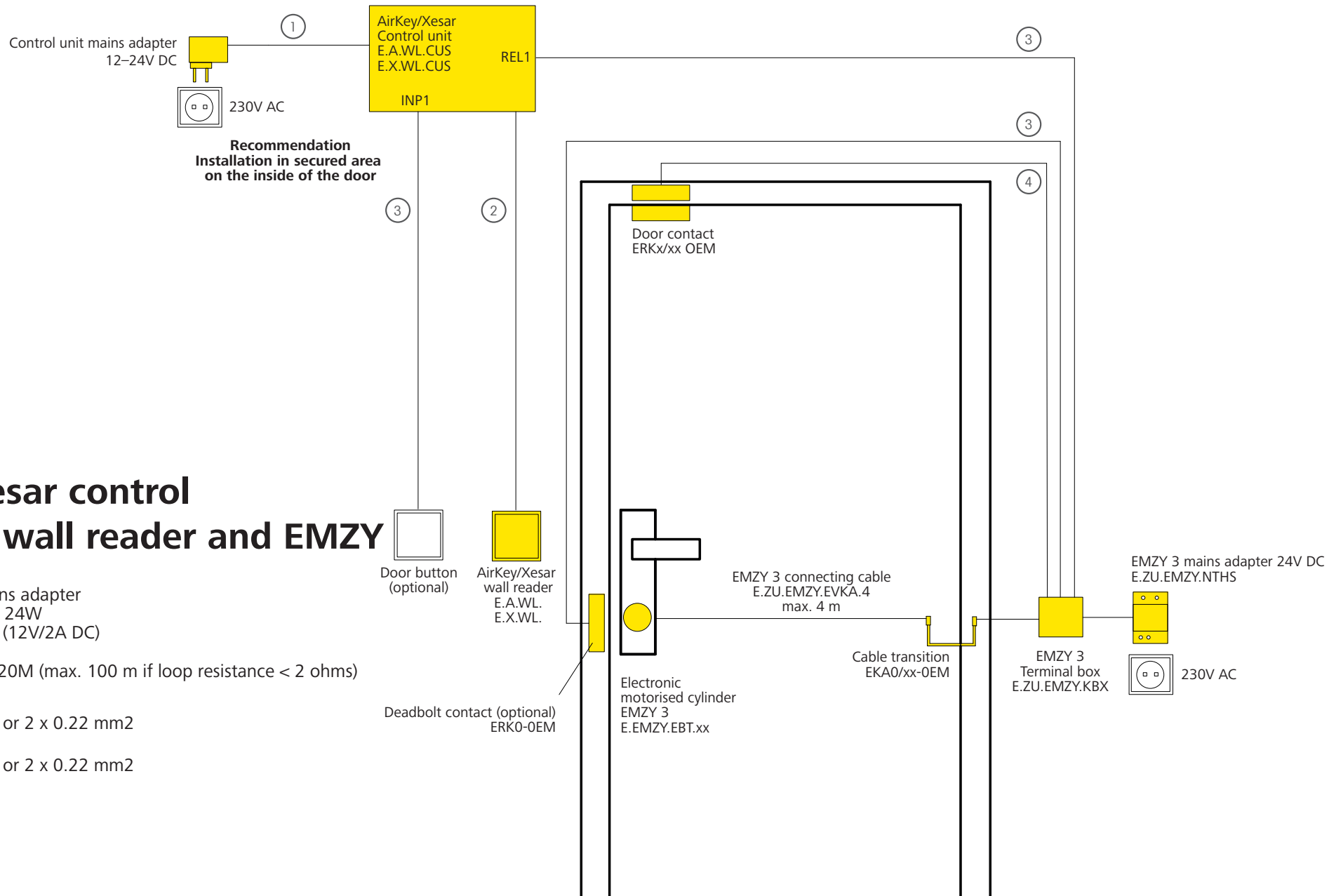
EMZY3 with I/O box maximum distance 100 m

The mains adapter may only be connected by a qualified electrician!



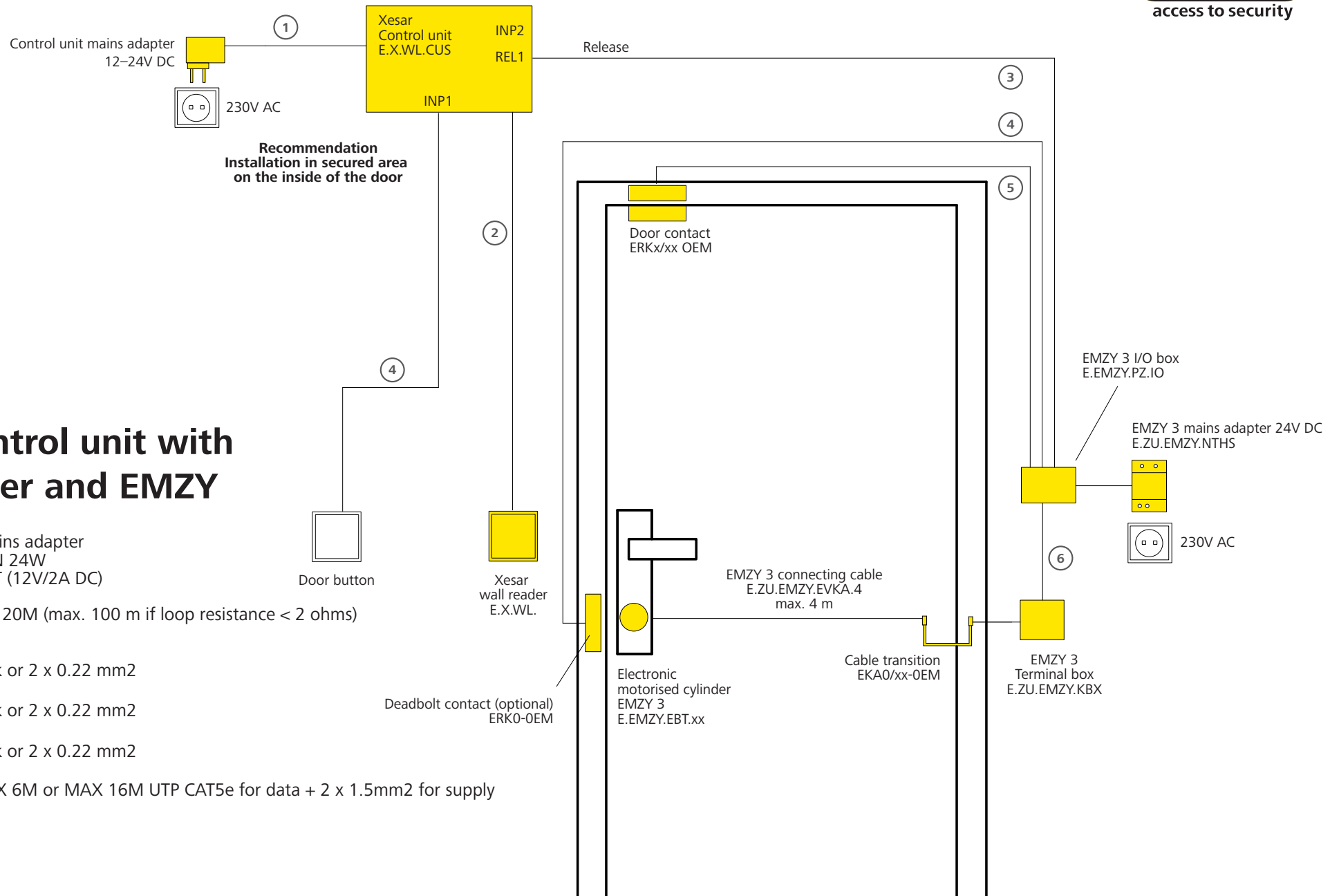
Wiring diagram EMZY3 EMZY with terminal box





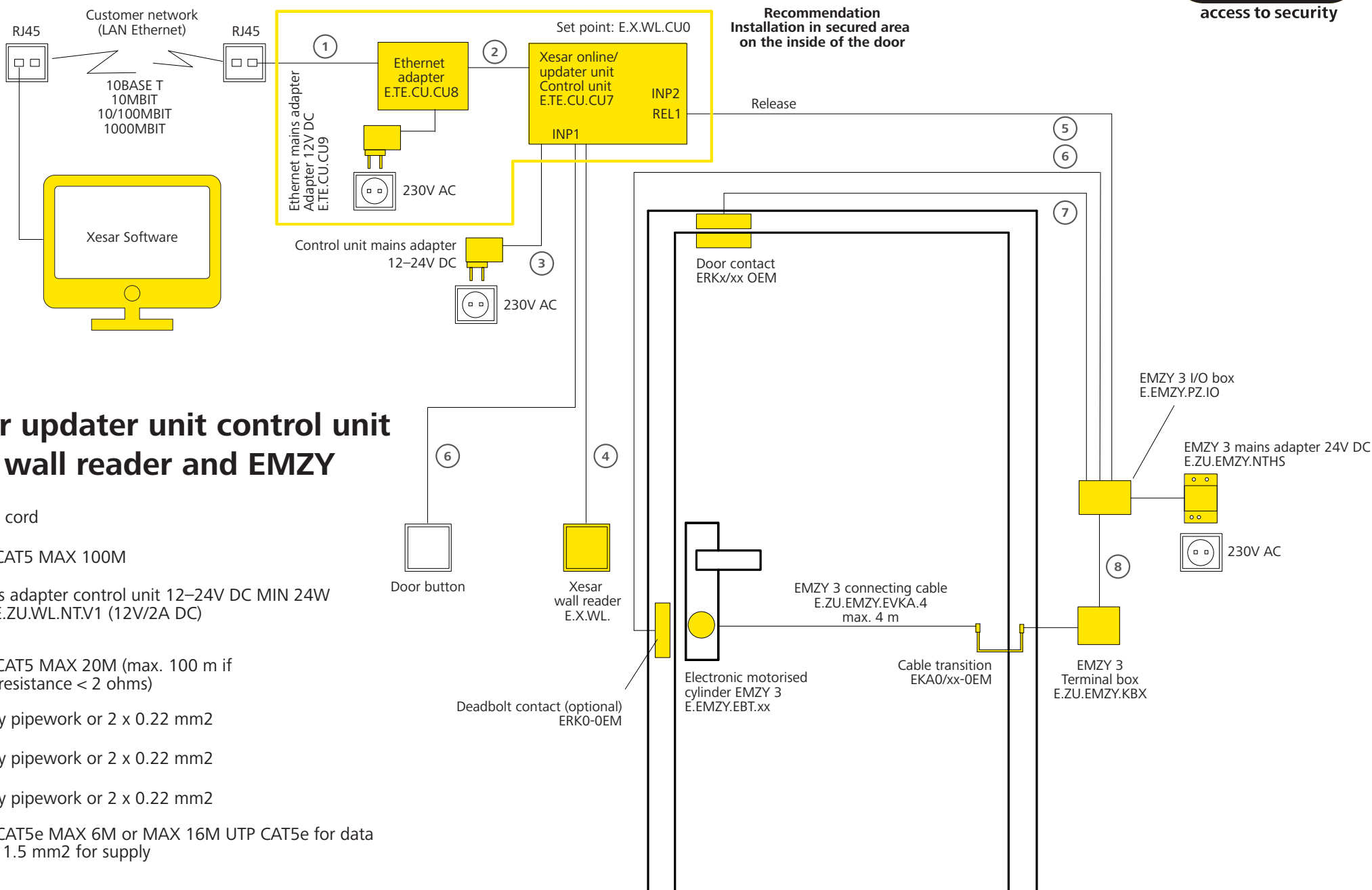
AirKey/Xesar control unit with wall reader and EMZY

- ① Control unit mains adapter
12-24V DC MIN 24W
e.g. E.ZU.WL.NT (12V/2A DC)
- ② UTP CAT5 MAX 20M (max. 100 m if loop resistance < 2 ohms)
- ③ Empty pipework or 2 x 0.22 mm²
- ④ Empty pipework or 2 x 0.22 mm²



Xesar control unit with wall reader and EMZY

- ① Control unit mains adapter 12-24V DC MIN 24W e.g. E.ZU.WL.NT (12V/2A DC)
- ② UTP CAT5 MAX 20M (max. 100 m if loop resistance < 2 ohms)
- ③ Empty pipework or 2 x 0.22 mm²
- ④ Empty pipework or 2 x 0.22 mm²
- ⑤ Empty pipework or 2 x 0.22 mm²
- ⑥ UTP CAT5e MAX 6M or MAX 16M UTP CAT5e for data + 2 x 1.5mm² for supply



Xesar updater unit control unit with wall reader and EMZY

- ① Patch cord
- ② UTP CAT5 MAX 100M
- ③ Mains adapter control unit 12-24V DC MIN 24W e.g. E.ZU.WL.NTV1 (12V/2A DC)
- ④ UTP CAT5 MAX 20M (max. 100 m if loop resistance < 2 ohms)
- ⑤ Empty pipework or 2 x 0.22 mm²
- ⑥ Empty pipework or 2 x 0.22 mm²
- ⑦ Empty pipework or 2 x 0.22 mm²
- ⑧ UTP CAT5e MAX 6M or MAX 16M UTP CAT5e for data + 2 x 1.5 mm² for supply