

Wiring diagram ekey dLine/KFV Genius A



YOUR FINGER. YOUR KEY.

ID364/753/0/714: Version 1, 2021-01-25



⚠ DANGER

Risk of electrocution: All ekey devices are to be operated with Safety Extra Low Voltage (SELV). Only use power supplies rated protection class 2 with safety approval according to EN 62368-1.

Failure to do so will create a risk of fatal electrocution.

Only certified electricians are authorized to carry out electrical installation work on mains systems.

⚠ ATTENTION

Property damage in the event of incorrect mounting and wiring: The system devices are operated using electricity.

They could be destroyed if they are mounted and wired incorrectly. Mount and wire the system devices correctly before connecting the power.

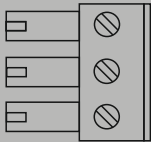
📄 NOTICE

This wiring diagram is not subject to updating. We reserve the right to make technical modifications and change the product's appearance; any liability for errors and misprints is excluded.

- 1 ekey dLine fingerprint 201001 (450007)
- 2 ekey dLine cable FP 20130x oder 20132x
- 3 ekey dLine controller 201201 (450008) or ekey dLine gateway 201251 (450009)
- 4 ekey dLine cable MT 201342
- 5 ekey dLine cable transfer 201401, 201405, 201406

Connection to the motorized lock

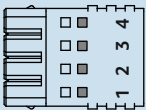
4



Pin	Color	Description
2	white	VDC (+)
3	brown	GND (-)
4	green	Switching impulse (+)

Connection to the control unit/gateway

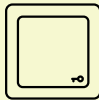
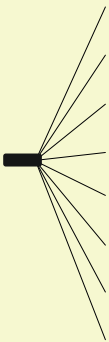
4



Pin	Color	Description
4	-	Do not assign
3	green	Switching impulse (+)
2	brown	GND (-)
1	white	VDC (+)

Connection to the electrical installation

Color	Description
white	VDC (+) (24)
brown	GND (-)
green	Do not assign
yellow	Do not assign
blue	Input
gray	Input
pink	Do not assign
red	Do not assign



Potential-free request-to-exit button for manual door opening

⚠ Each unused core must be insulated separately! ⚠

