HCV DOOR DRIVE

DATA SHEET
#211471

Electrical door opener
Model: **HCV**

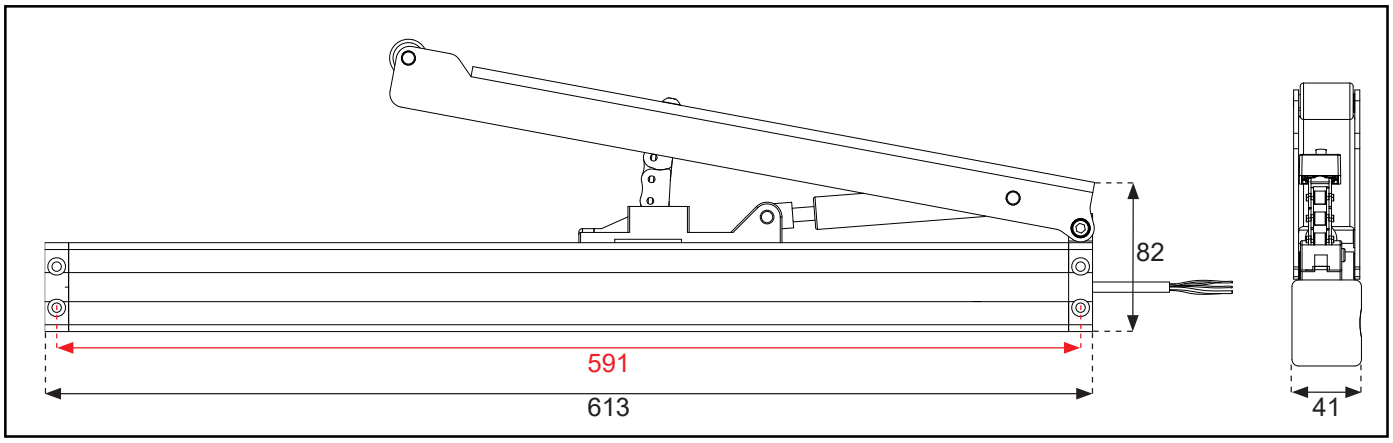
ELECTRICAL CONNECTION

- **Operating voltage 24/48VDC ±15%, max Rippel: 2 volt PP.**
- Don't connect directly to grid!
- Connection must be carried out by authorized electricians!
- Ensure that people keep away from the operation area of the drives. Danger of violent pressure, in accessible area!
- Use only in dry environments!
- Rain sensor is recommandable when comfort opening is available.
- The installer or the project responsible is obliged to make risk analysis.

TECHNICAL DATA

Power supply	24/48 VDC ± 15 %
Consumption	1.4A/0.7A
Locking force	2000N
Lifecycle	>11000 double strokes
Duty cycle	30% v. 10 min. running time
Protective class	IP32
Temperature range	-25°C ~ +75°C

Opening angle	100°
2 speed levels	Comfort (silent) / FIRE < 60 sec.
Soft Close	Reduced closing force 50mm/200N
Standard colour	RAL 9006
Cable length	2.5 m Silicone cable
Linemonitoring	27kΩ Built-in
Designed to comply with EN 12101-2	



Item no.	Model	Power supply	Push force	Pull force	Stroke (S)	Speed (comfort)	Speed (fire)	Length (L)
31040100	HCV w/roller	24VDC/1.40A 48VDC/0.70A	500N	500N	600 mm	7 mm/s	10 mm/s	613 mm
31040105	HCV w/slider							

Disposal
Electrical equipment, accessories and packaging should be recycled for environment protection!
Don't dispose electrical equipment into household waste!
Only for EU-Countries: According to the European guideline 2002/96/EG about waste electrical and electronic equipment and its implementation into national law, useless electrical and electronic equipment must be separately collected and recycled for environment protection.

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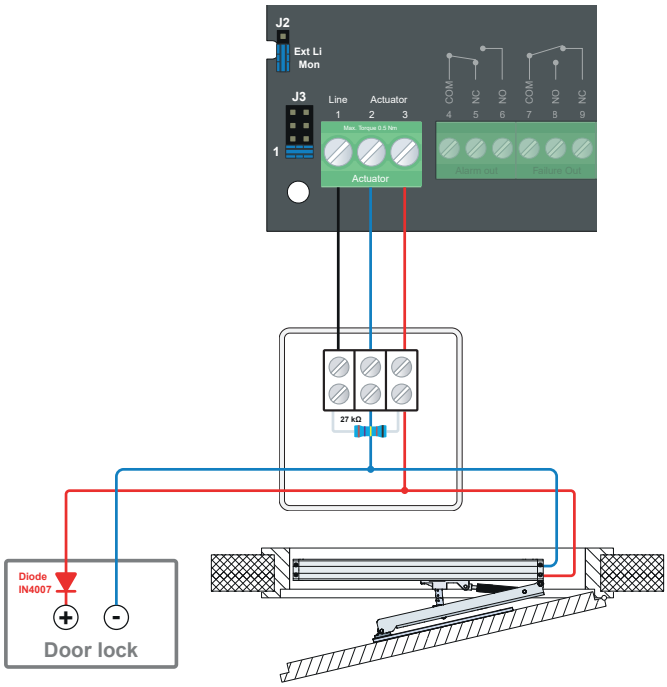
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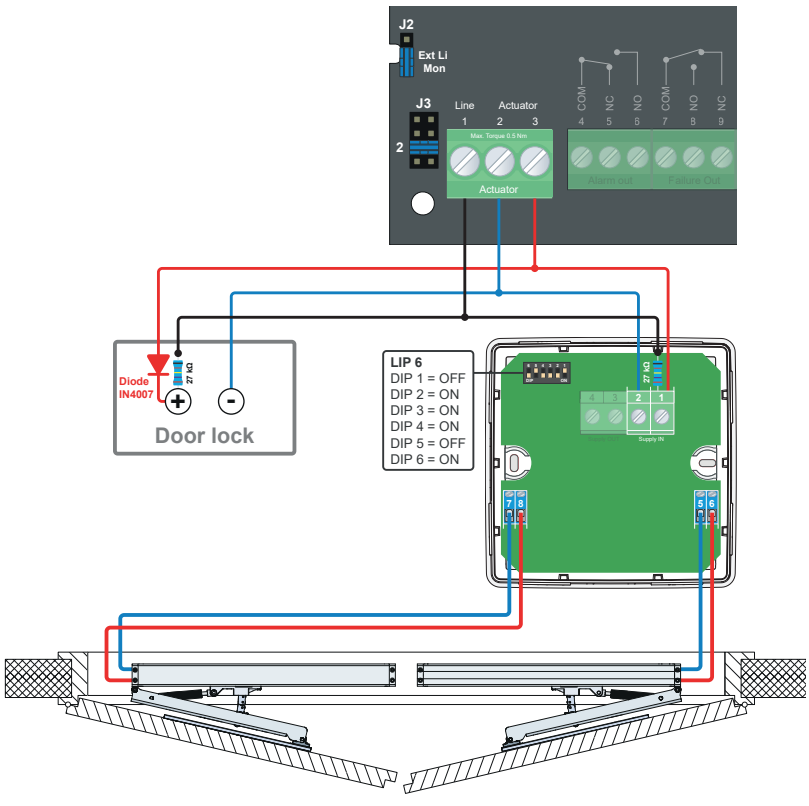
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Connection of 1 (one) drive 24/48V



Double door setup with delay 24/48V



SUPPLY

RED+ and BLUE

Direction	↑	↓
RED	+	-
BLUE	-	+

ORANGE

When the drive is used for fire ventilation (opening 60 sec.), then orange wire must be connected to + (RED) via alarm relay in the control panel.

WHITE and GREY ⚠

Used for communication and must be connected for synchronised operation of 2–4 motors Synchronised operation requires programming via Actulux or via the PMD Tool.

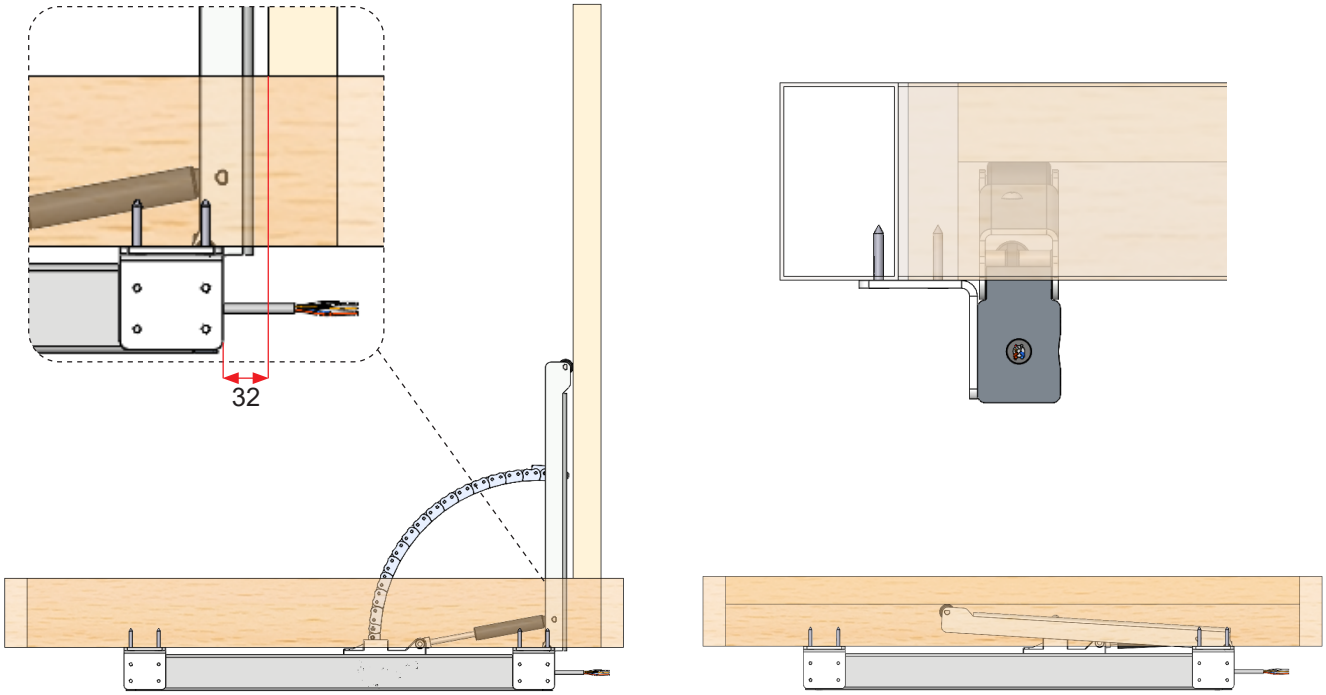
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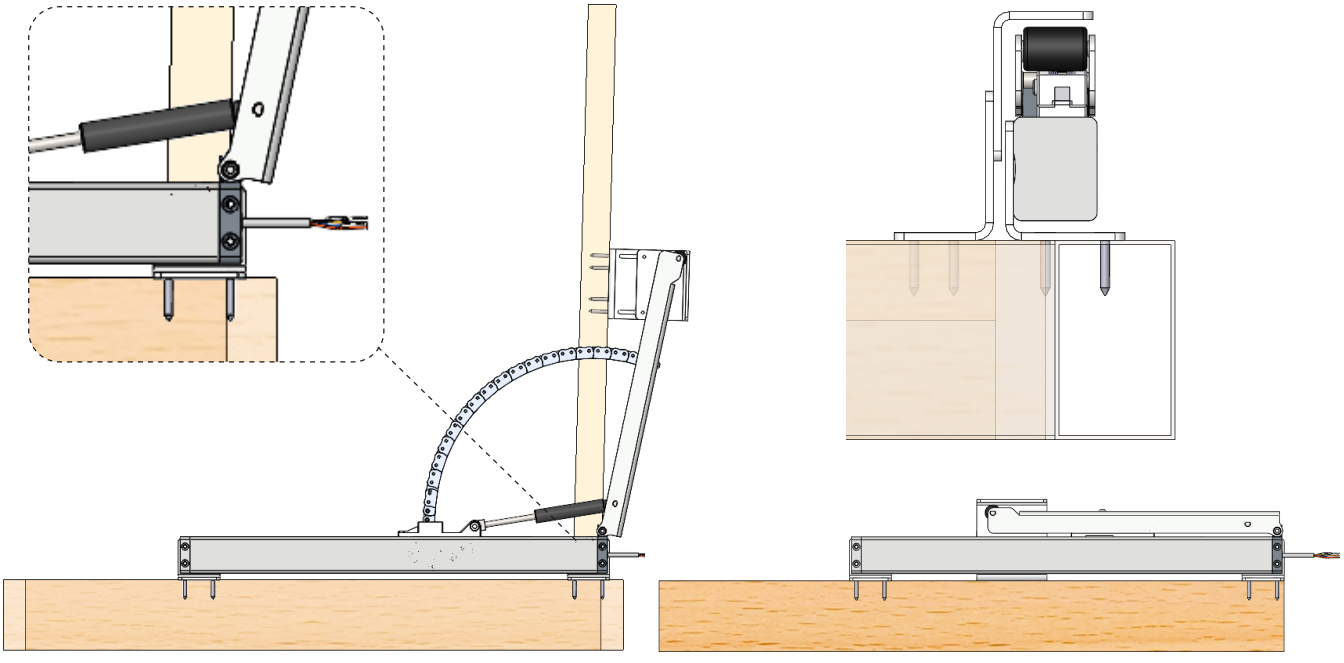
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Mounting: Outward-opening door



Mounting: Inward-opening door



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