

Simplekey 4 Door Extension Kits



The Simplekey 4 door extension kits allow additional doors to be controlled when connected to a System Controller. Available in one or two door versions, in a DIN rail format with simple connections to the free topography KMS Bus.

The Simplekey 4 door extension kits, come in 1 or 2 door versions. Each unit has all the connections necessary for – The Lock, The Legacy (or Wiegand) reader(s), RTE, Door Contacts, Emergency Overrides which can also be specifically programmed for different uses as required. KMS BUS connection is either via a plug-in RJ45 socket or standard terminal connectors, whilst power for both the pcbs and lock output is supplied via a separate 12 V input. Each kit has the doors it is controlling clearly identified and each pcb has a unique QR code which identifies the component on the BUS and can be used to give more detailed information. Up to 14 additional doors can be added a single Simplekey 4 System Controller.

- Control for one or two doors with lock output(s), door monitoring, emergency overrides etc.
- Built in Sounder and communication LEDs.
- Separate power input for powering all devices and the door lock(s).
- RJ45 & terminal connection for the connection to the KMS Bus.
- Cloud based management with individual QR code identification enabling simpler setup and support.

Technical Information

Power Connections

- 12-15V System input 500mA
- 12-24V Auxillary Power input (Wattage dependent on auxiliary connections)
- Lock Outputs
 - 1 or 2 lock outputs
 - N/O or N/C connection
 - Optional on board power connection
 - Thermal cut-off protection

Reader

- 2 reader connection
- Std KMS & 26 bit Wiegand

Standard Monitoring and Control

- RTE Connection
- Door monitoring
- Local emergency override

- Global emergency override
- Trades Button
- 1 or 2 relays (follow lock)

(NB can be reprogrammed for other functions)

Cabling

- KMS Bus (used to connect to the system) – Cat 5 or above (open topography) 500 max
- Locks – dependent on lock type & specification (Twin 1mm² copper flex up to 1 Amp)
- Reader – 6 or 8 core alarm multi-stranded cable 50m max

Dimensions – (DIN mount)

- 2 door – 300mm × 82mm × 50mm
- 1 door – 245mm × 82mm × 50mm

For further information
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