JANUS

PRODUCT DATASHEET
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Janus Controller

For rack doors in data centres

A data centre has many rack doors together. Janus Controller is wired, with no batteries and with an emergency key: from the app you centralise groups of 8 rack doors, with door status monitoring from the door sensors and motorised and electromagnetic actuation.

FEATURES

Groups of 8 doors
Each board centralises 8 rack doors, managed from the app.

Door status monitoring
Door sensor feedback reports the status of each door.

Motorised and electromagnetic
Motorised and electromagnetic actuation.

No gateway
Connects over Wi-Fi or Ethernet.

Opening time and auto-lock
The integrated door sensor measures how long each door stays open, and the door locks again when the user closes it.

Optional RFID reader
An optional RFID reader opens the doors with NFC tags and cards.

One RJ45 cable per door
Each door connects to the board with a standard RJ45 cable.

Passive door unit
The door unit is completely passive: mechanism, motor, mechanical key override, lock state and door sensor.

Configurable I/O
Each door has an I/O for a select button, an additional sensor or an indicator.

TECHNICAL DATA

Doors per board	4 or 8 rack doors
Installation	Wired, no batteries
Power	12–24 V DC, from a standard supply
Mounting	DIN rail or embedded
Emergency	Emergency key
Management	From the app
Connectivity	Wi-Fi or Ethernet. No gateway needed
Door status	Monitored through door sensor feedback
Door sensor	Integrated. Detects the door opening, including openings with the mechanical key, and measures how long the door stays open; the door locks again when the user closes it
RFID reader	Optional, for NFC tags and cards
Actuation	Motorised and electromagnetic
Door connection	One standard RJ45 cable per door, up to 3 m. 8 signals: 4 for the motor, 2 limit switches, 1 I/O and 1 reference
Door unit	Completely passive: mechanism, motor, mechanical key override, lock state and door sensor
I/O	One per door, for a select button, an additional sensor or an indicator
Integrations	Open by design, with an API. Integrations to each client's requirements
Setting	Rack doors in data centres

Kubernesys City Tower 2, Sheikh Zayed Road, Dubai, UAE info@kubernesys.com

Further specifications will be added as they are confirmed. Specifications may change without notice.