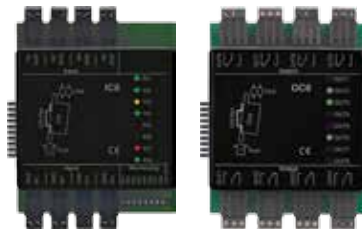**KABA**®

AX.S SERIES Embedded Access Control
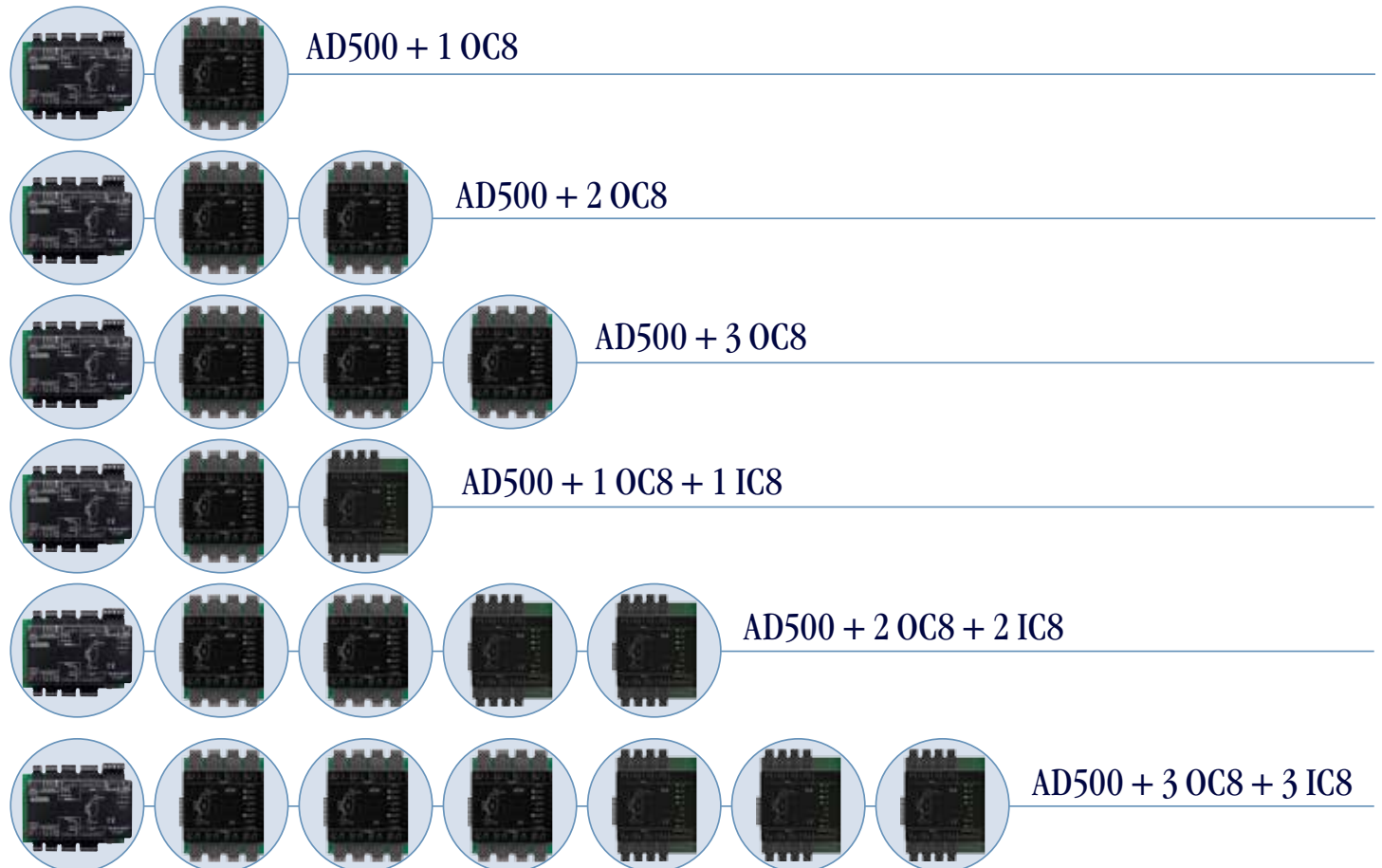
IC8/OC8

Extension Modules

Features
- Eight additional inputs for connection of insulated switches
- Eight additional relay outputs
- Supports up to three input/output modules on each controller
- DIN rail mounting
- Direct plug to controller with plug connector

OVERVIEW

The OC8 and IC8 extension modules increase the Access Manager 300/Door Unit AD500 system's usability and widens its access control scope. This optional feature is implemented when a solution requires more binary inputs or relay outputs than available on the door unit. When using these modules, a single access control reader allows users to selectively open specific access points (up to 24), eliminating fingerprint keys or Wiegand readers at every access point. This configuration is ideal in retail, healthcare, and banking facilities where users need to open a specific display case, cabinet, drawer, safe, or server cabinet. This system protects valuable assets and data; eliminates keys and cards; and reduces equipment requirements, installation time and costs.

AD500 + 1 OC8

AD500 + 2 OC8

AD500 + 3 OC8

AD500 + 1 OC8 + 1 IC8

AD500 + 2 OC8 + 2 IC8

AD500 + 3 OC8 + 3 IC8

SPECIFICATIONS

OC8

Outputs ....8 relay outputs

Changeover contact, max. voltage 34 VDC, max. current 2 A at 30 VDC

Cycles of operation at 30 VDC/1 A typically 500,000 (VdS 2358 requirement is 200,000)

Cycles of operation at VDC/2 A typically 100,000

LED status display

Mechanical....................................DIN rail mounted with removable screw terminations of field hardware

Mounts in standard third-party locking enclosures

Connections ....All connections involve screw/plug terminals. Maximum terminal load : 5 A

Power...Provided by the door unit. 10 to 34 VDC. Current consumption max. 250 mA at 10 VDC

Dimensions...................................2.75 x 3.9 x 1.77 in (70 x 99 x 45 mm)

Ambient Conditions ....Operating temperature: 32 to 122 °F (0 to 50 °C)

Storage temperature: -4 to 149 °F (-20 to 65 °C)

Relative humidity: 0 to 95% non-condensing

Protection Type...........................IP40

Flammability Class ....HB (UL94)

IC8

Inputs...8 binary inputs

With internal power supply and common ground for connection of floating contacts

LED status display

Mechanical....................................DIN rail mounted with removable screw terminations of field hardware

Mounts in standard third-party locking enclosures

Connections ....All connections involve screw/plug terminals

Power...Provided by the door unit. 5 VDC, current consumption max. 200 mA

Dimensions...................................2.75 x 3.9 x 1.77 in (70 x 99 x 45 mm)

Ambient Conditions ....Operating temperature: 32 to 122 °F (0 to 50 °C)

Storage temperature: -4 to 149 °F (-20 to 65 °C)

Relative humidity: 0 to 95% non-condensing

Protection Type...........................IP40

Flammability Class ....HB (UL94)

CERTIFICATIONS

FC C E

environmentally
friendly

BEYOND SECURITY

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