

Ares H-2-H

Dedicated Controller for Hotel Applications, Power Supply and Communication Converter for DIN Rail



Ares H-2-H

- Dedicated controller Ares H-2-H combines the functionality of an advanced access controller, power supply and communication converter in a common housing for DIN rail mounting (width 9 modules)
- For use in apartments, hotels and for home automation
- To control the entrances to one or two rooms or to combine the use of a protocol reader to control the entrance and a card holder for main power switch in the room or apartment
- Powerful enough for up to 4 protocol readers and 2 door strikes or 2 electromagnetic locks (max. load 1,6 A)
- The controller has an internal memory for up to 1.000 users and 10.000 events
- RS-485, Jantar protocol and TCP/IP communication
- Inputs for push buttons and door status switch for each passage
- Transistor outputs for electric locks for each passage
- 5A relays that trigger simultaneously with the electric lock
- Optional battery backup.

| Technical data | |
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| Dimensions | 160 x 96 x 63 mm (9 modules width) |
| Built-in reader | no |
| External reader | yes, up to 4 protocol readers |
| Internal memory | up to 20 users and 1.000 events |
| Anti-tamper protection | no |
| Real Time Clock | yes, capacitive battery backup (up to 8 hours) |
| Signalization | LED - status, link and speed |
| Buzzer | yes, piezzo |
| Protection | IP20 - for indoor installation |
| Operating temperature | +5° to +40°C |
| Humidity | 10 – 80 %, non-condensing |
| Power | 110 - 230V AC, 50 Hz |
| Power consumption | 3 W (without load) |
| Output voltage | 13,8V DC |
| Max. output current | 1,6 A |
| Voltage-free input | 4 (for push buttons or door status switches) + 2 (fire alarm) |
| Transistor output | 2 (for electric lock) |
| Max. transistor output current | 0,5 A |
| Relay outputs | 2 |
| Max. relay output voltage / current | 30 V DC / 5 A 250 V AC / 5 A |
| Communication | RS-485, TCP/IP, Jantar protocol |
| Power backup | built-in battery charger (2,3 Ah battery not included) |



Ordering code

ARES H-2-H

Dedicated access controller for hotel applications, with built-in TCP/IP communication converter and 20 W power supply