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Ares H-2-A

Access Controller, Power Supply And Communication Converter for DIN Rail

Ares H-2-A

- Ares H-2-A combines the functionality of an advanced access controller, power supply and communication converter in a single housing that can be easily mounted on a DIN rail
- For smaller access control systems, with requested higher level of security
- Designed for both residential and apartment buildings, common entrances in hotels and B&B, garages, shops, offices, etc.
- For single or double door (house or apartment entrance) as well as for multiple doors installations (main entrances in apartment buildings)
- 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 TPC/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	
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 1.000 users and 10.000 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-A	Access controller with built-in TCP/IP communication converter and 20 W power supply