

AP3002 16 digital inputs

The AP3002 with 16 digital inputs has been specially designed for integrating sensors in AEOS. The status of the connected sensors is also monitored, along with sabotage and short-circuit. Local alarms can be signaled via the two extra relay outputs.

- AEOS hardware line extension module
- Protected against short-circuit and sabotage
- Hot-swappable



Definable and monitored inputs

The AP3002 with 16 digital inputs has been specially designed for integrating sensors in AEOS. The signals from the freely definable inputs are continuously checked for status, short-circuit, sabotage and voltage variations. Any unforeseen changes can be signaled immediately by means of an alarm. AEOS can indicate and record various events such as attempted sabotage and short-circuit.

Configurable outputs

The AP3002 is equipped with two freely configurable relay outputs for local alarm signaling. A 12 VDC supply voltage is available for sensors or contacts.

Self-testing ALT mode

The AP3002 is equipped with a local self-testing function (the 'ALT mode'), which checks all connected inputs, regardless of network availability. After completion of the self-test procedure, the AP3002 automatically returns to normal operating mode.

Status indication

LED indicator lights clearly show all of the status information for each input.

Ease of installation and management

After a simple basic training course, technicians are capable of installing the hardware and checking connection integrity. This can be done completely independently of network availability.

Remote maintenance and control

Because the status of the AP3002 can be viewed and analyzed remotely, malfunctions can be resolved faster and more efficiently.

Technical specifications

Dimensions	L x W x H: 230 x 126 x 70 mm
Weight	Approx. 0.6 kg
Housing	Aluminum and plastic
Power supply	AEBus: 24-27 VDC, 50 mA (excluding sensors)
Power supply to external units	12 VDC (max. 500 mA)
Environmental conditions	Temperature range: Operation: 0 - 55 °C. Storage: -30 - 65 °C Relative humidity: 10 - 93% (non-condensing)
Inputs	16: monitored, freely definable, intended for voltage-free contact
Outputs	2 relays; freely configurable, voltage-free contact (NO/NC)
AEBus wiring	5 x 0.5 mm ² , max. 5 m (shielded outside housing) 2 x 2 x 0.5 mm ² shielded, max. 300 m using AX2002
Wiring for contacts and sensors	Max. 100 m; n x 0.25 mm ²

Article number

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