



## DIGIcontrol-E8C/S

- VDS compliant alarm I/O module
- 8 monitored individual addressable inputs
- 2 OC-Outputs 24V/120mA
- 2 interrupt able 12V/160mA power outputs
- 1 Transfer relay 60V/6A
- Coded relay interface for RFID reader
- Tamper contact
- Configurable filter functions for alarm input
- EEPROM for filter and input parameter
- AES encrypted IBB/S interface

# DIGIcontrol-E8C

# Input / output module

The DIGIcontrol-E8C input/output module is specially designed to comply with VDS alarm requirements in connection with the new DIGIcontrol-FC380x series Floorcontrollers. DIGIcontrol-E8C is designed to extend the input and output capacity of DIGIcontrol-FC3xxx controllers with networked alarm inputs, presence detectors, light switches and regulation devices over the IBB/S interface.

The module with local intelligence connects eight monitored alarm inputs, two open collector outputs and two controlled 12V power outputs, a serial coded relay interface with authentication to ATS RFID readers and a lock relay. Low power consumption allows direct power supply over the Bus interface.

Supporting the new high secure AES encrypted IBB/S bus it allows ease connection to DIGIcontrol-FC3xxx Floorcontrollers. A tamper contacts protects the device against unauthorised opening of the enclosure.

A unique serial number allows the configuration of a RS485 ID-number in the range from 1 to 120. The devices are powered with a switched power regulator from the 24VDC IBB line.

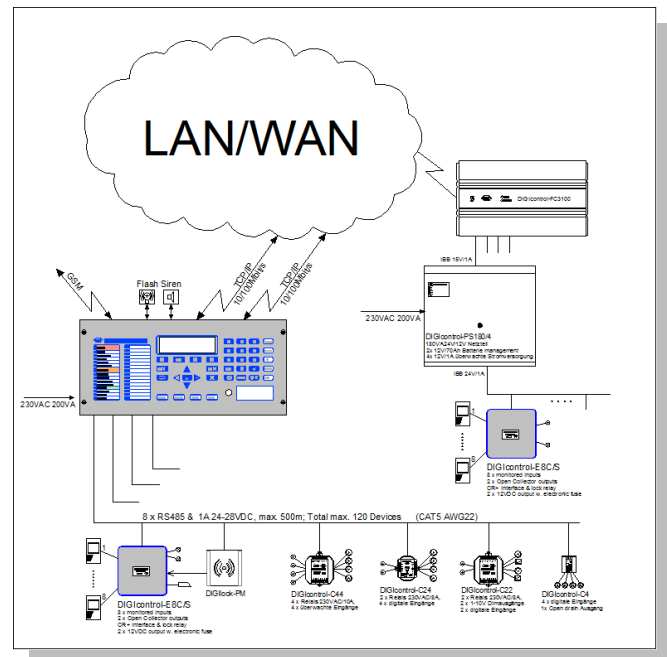
Two 12V/160mA power outputs (generated by an onboard switched power supply) enable the supply of sensors with power. The power current is monitored and secured with electronic fuses and can be interrupted with command to reset intelligent sensors.

Due to the switched 12V output supply, DIGIcontrol-E8C can only be used with Floorcontrollers with 24V bus power such as DIGIcontrol-FC3100 - FC3800 or with a DIGIcontrol-EPSxx bus power booster.

Parameters are stored in EEPROM to avoid loss of data in the event of power failure. Configuration is carried out from the computer, allowing parameters such as the association of input to lighting circuits or lighting groups, input filtering, assignment to alarm zones and input characteristics, to be defined.

Each input can be used at the same time for alarm monitoring, access control, lighting control, regulation, video and intercom functions.

The small size of the DIGIcontrol-E8C on wall I/O module makes it possible to mount it easily anywhere needed.



## Technical Data:

### DIGIcontrol-E8C/S:

CMOS microprocessor with EEPROM for ID and filter parameters,  
IBB network interface  
Serial coded relay interface for ATS-RFID readers  
Bus supply voltage: 20-28 VDC  
Operating temperature: -10° to +45°C  
8 monitored digital inputs  
2 open collector outputs max. 24V/120mA  
1 lock relay for 48V/4A  
2 monitored and switch able power outputs  
12V/160mA with electronic fuse  
Tamper switch for box protection  
Dimensions : 114 x 114 x H 26 mm

## Delivery Contents:

DIGIcontrol-E8C (in ten Pack box) complete with installation and wiring instructions.

Information contained in this document is correct at the time of publication (170620) is subject to change without notice.

**Austrian Technical Systems**

**ATS**

Werk Wienerwald +43-2238-700-05, <http://www.ats.co.at> mail: [sales@ats.co.at](mailto:sales@ats.co.at)