



The Internet Gateway IN/S permits access to the electrical installation from any internet access point. You can therefore operate and monitor your installation remotely. Live pictures can also be transmitted with the additional video module VM/S and a video-camera.

The Internet Gateway can also send e-mail messages to e-mail accounts or mobile devices to inform about events and alarms.

Editors which you can configure simply and quickly via Internet or LAN are available for logically linking inputs and outputs and for creating the time switch programs.

The following devices are available:

	ISDN connection	Analog connection
6 binary inputs, 4 analogue inputs, 6 binary outputs	IN/S 1.1	IN/S 2.1
EIB connection	IN/S 3.1	IN/S 4.1

Technical Data IN/S 1.1, IN/S 1.2

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Operating voltage:	12 – 30 V DC	
Power consumption:	approx. 8 Watt	
Mechanical data:	Dimensions (W x H x D): Protection class: Connection cross-section: Weight: Installation:	86 x 157 x 58 mm (9 modules wide) IP 20 max. 2.5 mm ² 0.250 kg DIN rail to EN 50022
Inputs:	Binary inputs: Analogue inputs:	6 channels for potential-free contacts, 4 channels, 0 ... 5 V oder 0 ... 10 V or 0 ... 20 mA, per channel can be configured
Outputs:	Switch outputs: 230 V AC 24 V DC	6 channels via potential-free contacts max. 10 A per channel with resistive load Rated load: max. 1380 VA Incandescent lamps: max. 1000 Watt Fluorescent lamps: max. 900 W uncompensated Capacitive load: 230 V AC, max. 4µF Service life: 50,000 switching operations at rated load up to 6 A
LED indicators:	Binary inputs Switch outputs LAN LINK ⌚ ON	one yellow LED per input one yellow LED per output yellow LED: LAN ok, yellow LED: link active 1 green LED: telephone connection active 1 green LED: device ready
Network connection:	RJ 45 socket	Ethernet 10/100 Mbit.
Telephone connection:	RJ 45 socket	for ISDN connection (IN/S 1.1), for analogue connection (IN/S 2.1)
USB connection:	2 USB sockets (Type A)	for connection of external video module (VM/S 1.1)
Time synchronisation:	Real Time Clock:	Battery backup, synchronisation during an Internet connection
Standards/norms:	CE	

Technical Data IN/S 3.1, IN/S 4.2

Operating voltage:	12 – 30 V DC	
Power consumption:	approx. 8 watts	
Mechanical data:	Dimensions (H x W x D): Protection class: Wire range: Weight: Mounting:	86 x 157 x 58 mm (9 modules wide) IP 20 max. 2.5 mm ² 0.250 kg DIN rail in accordance with EN 50022
LED display:	LAN LINK ⌚ ON	Yellow LED: Data traffic on LAN Yellow LED: Link active 1 green LED: telephone connection active 1 green LED: Mains OK and device ready
EIB connection:	Plug-in terminal, 2-pole	For connection to the EIB
Network connection:	RJ 45 socket	Ethernet 10/100 Mbit
Telephone connection:	RJ 45 socket	For ISDN connection (IN/S 3.1) For analog telephone connection (IN/S 4.1)
USB connection:	2 USB sockets (type A)	For connection of external modules (e.g. VM/S 1.1)
Time synchronisation:	Real Time Clock:	Battery backup, synchronisation during Internet connection
Standards/norms:	CE	

All functions at a glance

Visualisation	The current state of the inputs and the input event memory can be viewed over LAN or from the homepage www.domoport.de / http://www.domoport.com/ . The outputs can be remotely switched from here. For mobile devices WAP access is possible via www.domoport.com/wap	
Security	Communications in Internet are performed over a secure connection (SSL) and the allocation and checking of security codes.	
Alarm and event messages	E-mail: Text messages: Message strategy:	Up to 32 e-mail recipients. Event memory, video pictures or the current device values can be sent as attachments with an e-mail to e-mail accounts for mobile devices. A text with up to 200 characters can be configured for each message, which can be sent to up to 32 addresses. A professional message string can be defined for each message.
Event memory	The event memory can store the states of the six binary inputs, the four analogue inputs and up to 128 video pictures.	
Trend curves	The characteristic of the states of the binary and the analogue inputs from the event memory can be represented as a trend curve.	
Video pictures	Resolution: Transmission: Memory:	Maximum 640 x 480 pixels One frame every 15 seconds at a resolution of 320 x 240 pixels Up to 128 video pictures available in event memory
Macro programming	Programming: Parallel processing: Variables:	Macros are programmed with the aid of a graphic user interface. Logical operations between inputs and outputs, mathematical functions and cyclic sequences can be implemented. Up to 16 macros can be processed in parallel. 32 variables are provided for read/write access
Time-switching function	32 time-switching programs are provided, for which special days can also be defined.	
Configuration	Browser (Microsoft® Internet Explorer® > Version 5, Netscape Communicator® > Version 4.7x, WAP 1.2 Browser)	Configuration is performed with a browser over Internet or LAN.

Further Information for commissioning and operation are available in the Product Manual of the Internet Gateway.

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