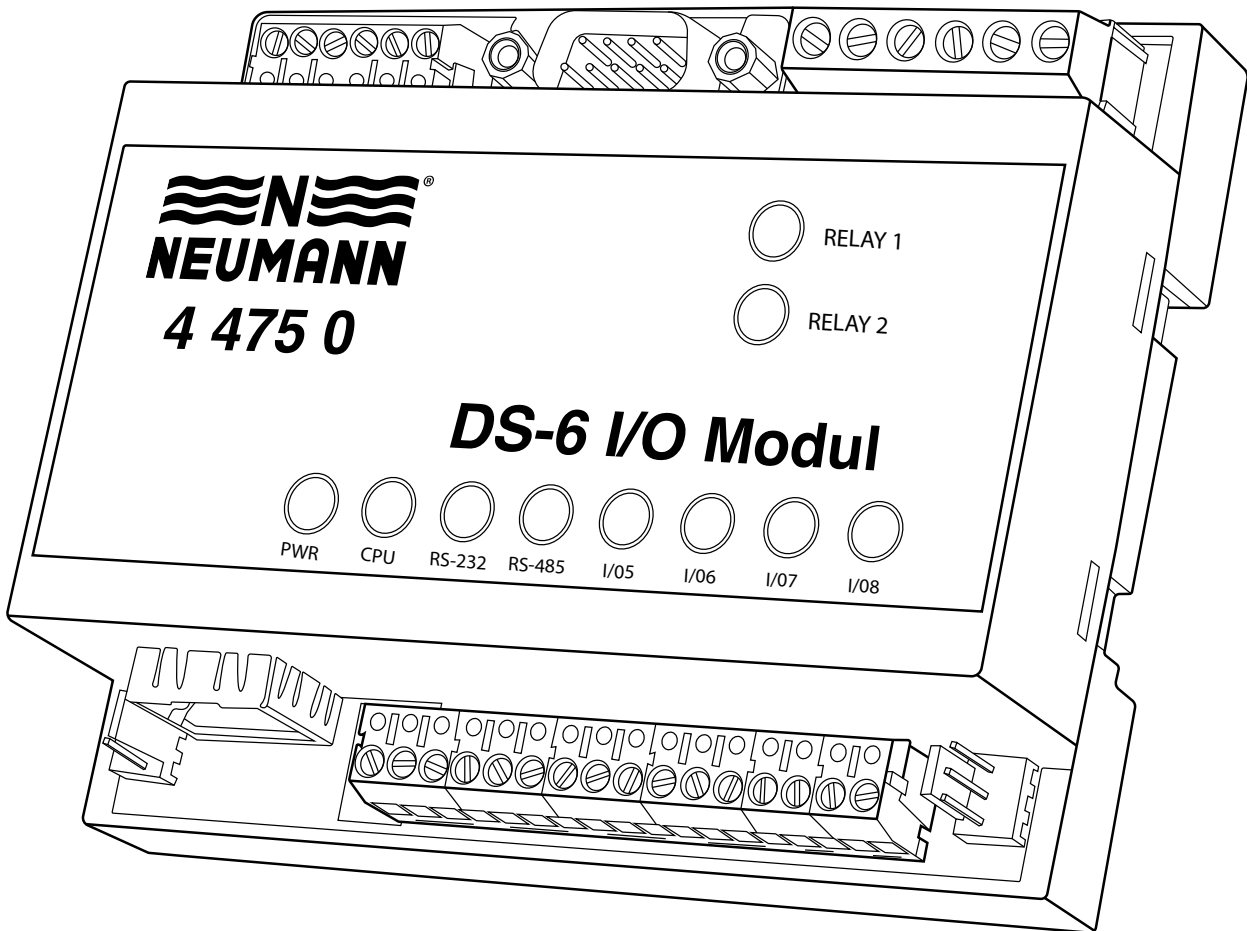
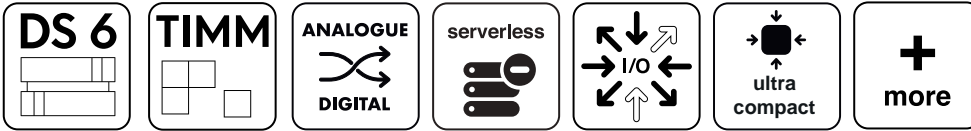


DS-6 I/O-Modul

Freely programmable I/O network controller



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Established Neumann Elektronik Quality

- Digital inputs with configurable pull-up resistors
- Universal inputs analogue / digital with configurable pull-up resistors
- Digital outputs
- Relay (change-over contact) with status display, loadable up to 5A at 240V
- Activate alarms in the DS-6 system
- Control of flashing lights with timer
- Fault monitoring
- 8+2 LED status display
- In the DS-6 network via TIMM Config or on the unit via Ethernet interface
- Simple top-hat rail mounting
- Plastic housing

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The DS-6 I/O module is a freely programmable network controller and can be used in practically all IP-based networks with its 10/100 Mbit Ethernet connection. The module can be used for various applications due to its numerous inputs and outputs and the corresponding software module:

Module: Fault monitoring of network and DS-6 components L-No. 279 100 44759

The I/O module is used, among other things, for monitoring the IP-DS-6 components (e.g. MTSD) and the additional functional components (e.g. amplifier). The IP-DS-6 components are monitored via the Ethernet interface by means of status messages, the additional components via the inputs of the I/O module by means of fault message contacts. All fault messages can be output as collective fault messages on the I/O module via one of the potential-free contacts. In addition, the I/O module manages the SRW button of an alarm, so that a double assignment of the button is possible (alarm/non-alarm).

Module: Alarm control/server L-No. 279 160 44755

So that the microphone units do not block themselves when an alarm is triggered (occupied state), the alarm is retrieved via the I/O module from a voice memory, which is either located on an analogue connection module L-No. 2390 4 or in analogue or digital 8-fold adapters L-No. 3 330 9 / 3 331 0. This allows simultaneous announcements to other areas. In addition to the alarms, the stop button function is also transmitted. Furthermore, a relay control is included in the software, which ensures the switching on and off of an additional device.

Module: Flashing light connection L- No. 279 130 44752

This I/O module software enables the switching on of up to six flashing beacon lines. The flashing beacons are assigned spatially and from the address to the destination call stations (WFD). Depending on the definition of the WL buttons, both a group call and individual calls to the target stations can be made from the master station. In connection with these calls, the flashing beacons are activated at the push of a button. activated at the touch of a button. A timer ensures that the flashing lights are automatically switched off again after an adjustable time of up to max. 255 sec.

**Module: Siren control / emergency lighting / fan control
(actuator connection via MTSD) L-No. 279 190 44758**

This software module can switch on a device (e.g. a siren, fan, etc.) at the touch of a button on an MTSD.) For this purpose, the outputs of the I/O module are used to control a relay. The switched-on device remains active for the duration of the keystroke or until it is deactivated.

For far-reaching control tasks, a PLC from WAGO can be connected to the DS-6 system in addition to our own I/O module. This makes any combination of inputs and outputs available for flexible control options. Please contact your sales representative for more information.

Technical data / accessories

Item no.	4 475 0
Mechanical data	
Weight	Approx. 0.32kg
Housing dimensions (HxWxD)	105mm x 85mm x 72 mm
Housing colour	Black
Material	Plastic
Electrical data	
Operating voltage range	DC 9...30V / AC 9...24V
Power consumption	Max. 4W
Connectivity	
LAN interface	1
Transmission protocol	Neumann DS-6 IP protocol
IP hardware interface	LAN: 100-BASE-T Autonegotiation Ethernet according to IEEE 802.3u (100 Mbps)
Serial interfaces	RS232 (DSub-9 connector) / RS422/485 (2/4-wire)
I/O interfaces	2 relays (change-over switch, AC 240V, 5A) 4 digital inputs (0...12 V), configurable pull-ups 4 universal inputs (analogue 0...5V or digital 0...12V), configurable pull-ups 4 digital outputs (open collector, 24V, 0.1A)
Environmental conditions	
Temperature range	0°C bis +50°C
Protection class according to DIN EN 60529, or IEC 60529	IP20

Accessories		
5 096 0	TIMM Config	Software Module for configuration of TIMM
3 334 3	U _{ko} II Adapter	The DS-6 U _{ko} II adapter serves as adapter or interface for the connection of digital U _{ko} stations to the DS-6 decentralised communication system.
3 338 7	U _{po} Adapter	The DS-6 U _{po} adapter serves as an adapter or interface for connecting digital U _{po} stations to the DS-6 decentralised communication system.
3 329 7	DS-6 Audio Device	The DS-6 Audio Device serves as a voice or tone memory within the decentralised, serverless DS-6 communication system.
3 331 0	Analogue Adapter 8-fold	The DS-6 Analogue Adapter is used to connect analogue microphone units, amplifiers and other analogue components to the DS-6 decentralised communication system.
2 390 4	Analogue plug-in unit 1-fold	The DS-6 plug-in unit serves as an adapter/interface for connecting analogue microphone units, amplifiers and other analogue terminals to the DS-6 decentralised communication system.
1 450 0	DS-6 MTSD Multifunctional DS-6 IP Desktop call station	The MTSD DS-6 desktop call station is used in the DS-6 decentralised communication system.

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Our products and systems at a glance under:
neumann-elektronik.com/system-overview



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