



## NS-05

### Network switch

#### Product description

With the network switch NS-05 technology networks based on the Ethernet-Technology can be established. It supports amongst others the KNXnet / IP - communication via routing and tunneling. The unit has 5 network ports (RJ45 sockets) and is designed for distribution boards (mounting on DIN-rail). The network switch requires an additional power supply. This can be done with a 24V DC voltage supply.

#### Security advices

- Electrical connection and start up operations shall only be done by electrically skilled persons.
- For installation, assemblage, operating and accident prevention please comply with the regional regulations.
- Connection and maintenance operation might only be done in de-energized condition.
- If safe operation is not possible, the device must not be started up or has to be disabled.
- The device shall only be applied for normal use and according to the specified technical data.
- The device may only be used in combination with original accessories.

#### Installation advices

- The device is intended for fixed installations in dry rooms, for installation in electrical cabinets.

#### Comissioning

- Check the device, terminals and connections (visual control)
- Activate the power supply. Check on the device the tension and LED state.
- Mount all covers; apply special labels, if necessary; update the technical documentation.



#### Technical Details

<b>Operating voltage</b>	<b>Voltage range</b>	24V DC nominal (DC: 12-48V)
	<b>Input power</b>	< 1,5W
<b>Network-communication</b>	<b>Ethernet Compatible Internet protocol</b>	(10/100 Mbit/s) ARP, ICMP, IGMP, UDP/IP, DHCP, AutoIP
	<b>KNXnet/IP to KNX-System specification</b>	Core, Routing, Tunneling Device Management
<b>Connections</b>	<b>Operating voltage</b>	0,6-1,5 mm <sup>2</sup>
	<b>Ethernet/ IP-Network</b>	5 x RJ45 socket
<b>Environment</b>	<b>Operating environment</b>	-5° to +45° C
	<b>Storage environment</b>	-10 °C to +60 °C
	<b>Relative humidity</b>	5 to 93 % non-condensing
<b>General</b>	<b>Protection class</b>	IP 20
	<b>Degree of contamination</b>	2
	<b>Installation</b>	on DIN rail 35 mm
	<b>Measurements</b>	2 SU 35 x 110 x 60 mm (WxHxD)
	<b>Weight</b>	approx. 115g



## Connection plan

