



NS-05

Network switch

Product description

With the network switch NS-05 technical 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

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



Connection plan

