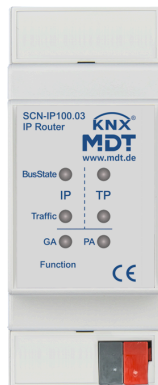


SCN-IP100.03

KNX IP Router with IP Secure and Data Secure, 2 SU MDRC



Product description:

The MDT IP Router creates the link between the KNX bus and the Local Area Network (LAN). In addition to programming and diagnosing the KNX bus via the network, the router functionality enables the connection of further KNX IP lines or areas via IP multicast. Up to 4 simultaneous tunneling connections to further network devices are possible. Support of KNX IP Secure and KNX Data Secure.

Product functions:

- for bidirectional connection between PC and KNX via TCP/IP
- **KNX IP Secure and KNX Data Secure (as of from ETS 5.7.2)**
- **Secured access to KNX Bus through IP Secure with security key with line coupler functionality**
- **Supports extended group addresses**
- **Enables bus programming via TCP/IP**
- 4 simultaneous connections possible
- **Prepared for segment coupler functionality (revision R4.0)**
- **Power supply via KNX bus, no external power supply required**
- **Encrypted email transmission**
- **Time server to send date and time to the KNX bus**
- **Updateable firmware**
- Fast application download (long frame support as of ETS 5)

Technical data:

Device	Device type	SCN IP Router
	Article Number	SCN-IP100.03
	EAN / GTIN	4251916100117
	Installation width	2 SU / 36 mm
	Dimensions (H x W x D)	90 x 36 x 72 mm
	Weight, gross (incl. packaging)	0.095 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.075 kg
	Inputs	Ethernet
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,8 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5, ETS 4 without KNX Secure
	KNX Secure	KNX Data Secure, KNX IP Secure
	Number of simultaneous KNX tunneling connections	4
	Supports KNX IP routing multicast	Yes
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	Connection type	LAN, RJ45 socket
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

