

## MDT Interface MDRC

Version		
SCN-USBR.01	USB Interface	2TE MDRC
SCN-IP000.01	IP Interface	2TE MDRC
SCN-IP100.01	IP Interface with Routing	2TE MDRC
SCN-LK001.01	Line coupler	2TE MDRC

MDT technologies offers 4 KNX interfaces to enable communication between PC and the KNX/EIB system.

**KNX USB Interface:** The USB interface enables the communication between the PC and the KNX/EIB system. The USB interface is galvanically isolated from the KNX/EIB bus.

**KNX IP Interface:** The IP interface enables the communication between the PC and the KNX/EIB system via LAN. An external power supply (12 to 24VDC) or power over ethernet is required.

**KNX IP Interface with routing:** This interface offers the same functions as the IP interface, but the device routes telegrams as a line coupler using the the LAN.

**KNX IP Line coupler:** This interface connects two KNX lines to each other. Electrical isolation between the lines and reduction of the busload by using the filter function.

The MDT Interface is a modular installation device for fixed installation in dry rooms. It fits on DIN 35mm rails in power distribution boards or closed compact boxes.

For project design and commissioning of the KNX Interface it is recommended to use the ETS3f/ETS4 or later. Please download the application software at [www.mdt.de/downloads](http://www.mdt.de/downloads).

SCN-USBR.01



SCN-LK001.01



- production in Germany, certified according to ISO 9001
- modern design
- fully compatible to all KNX/EIB devices
- Modular installation device for DIN 35mm rails
- Integrated bus coupling unit
- 3 years warranty

<b>Electrical Data</b>	SCN-USBR.01	SCN-IP000.01	SCN-IP100.01	SCN-LK001.01
<b>Configuration</b>				
Interface	USB	Ethernet	Ethernet	KNX
<b>Power Supply</b>				
Supply voltage	via Bus	12V to 24V	12V to 24V	via Bus
<b>Power consumption</b>	< 0,3W	< 0,8W	< 0,8W	<0,3W
<b>Permitted wire gauge</b>				
Screw terminal	--	2,5mm <sup>2</sup>	2,5mm <sup>2</sup>	--
KNX busconnection terminal	0,8mm <sup>2</sup>	0,8mm <sup>2</sup>	0,8mm <sup>2</sup>	0,8mm <sup>2</sup>
<b>Operation temperature range</b>	0 to + 45°C	0 to + 45°C	0 to + 45°C	0 to +45°C
<b>Enclosure</b>	IP 20	IP 20	IP 20	IP 20
<b>Design</b>	2TE	2TE	2TE	2TE