

SCN-SAFE.01

KNX Safety Module, 2 SU MDRC



Product description:

The MDT Safety Module prevents all connection-oriented accesses of the ETS. Prevention of programming or unloading of the bus devices without a manual activation. This significantly increases the safety of the protected line, outdoor and indoors. Manipulation of the device programming is no longer possible. The integrated device monitoring cyclically checks up to 100 KNX devices and alerts as soon as a device does not respond.

Product functions:

- **Increases the safety of the protected line in outdoor and indoor areas, protects against manipulation**
- Straightforward upgrading in existing KNX installations
- **Prevents, the establishment of a connection, programming and debugging of KNX devices on a line**
- Safety function is started automatically after Bus voltage recovery and/or commissioning of the safety module
- The safety function can be temporarily disabled by pressing the button on the device or via a 14-byte telegram
- Safety function to detect a failed device in the KNX line
- Active or passive monitoring of up to 100 KNX products
- Alarm is stored as a plain text message in the internal ring memory
- Fast application download (long frame support as of ETS 5)

Technical data:

Device	Device type	SCN Safety Module
	Article Number	SCN-SAFE.01
	EAN / GTIN	4251916100124
	Installation width	2 SU / 36 mm
	Dimensions (H x W x D)	90 x 36 x 63 mm
	Weight, gross (incl. packaging)	0.093 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Weight, net	0.07 kg
	KNX	Nominal voltage KNX
Voltage range KNX		21 ... 31 V DC SELV
Typical power consumption KNX bus		< 0,2 W
KNX Medium		TP-256 with long frame support
KNX Application		as of ETS 4
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

