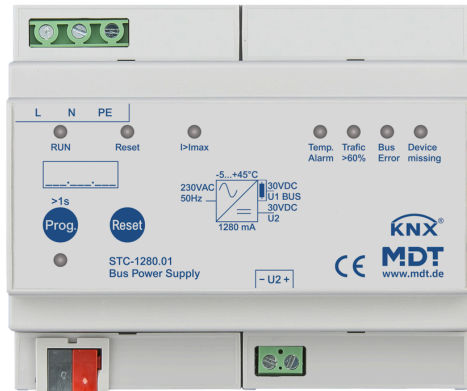


STC-1280.01

KNX Bus Power Supply with diagnostic function, 6 SU MDRC, 1280 mA



Product description:

The overload-safe and short-circuit-proof MDT Bus Power Supply STC reliably supplies the bus devices of a KNX line with a stabilised DC voltage of 30 V. The diagnostic function of the bus coupler provides information about the bus voltage, the bus current, the utilisation of the power supply, in the case of a mains voltage failure and the failure of a monitored device. All events are saved with a time stamp. With additional unchoked output U2.

Product functions:

- KNX Bus Power Supply with integrated choke
- Power supply 230 V AC
- Nominal current 1280 mA, continuous current 1600 mA, peak current 1900 mA
- **Short circuit proof**
- **Overload protected**
- Additional unchoked output U2
- **Integrated Bus coupler with diagnostic functions:**
- Bus power, Bus current, Bus overload
- Mains power failure/recovery
- All events are stored in the ring storage with time a stamp
- Readout of the ring memory via a 14 Byte Telegram
- Safety function to detect a failed device in the KNX line
- 3 year warranty

Technical data:

Device	Device type	STC Bus Voltage Supply
	Article Number	STC-1280.01
	EAN / GTIN	4251916100025
	Installation width	6 SU / 108 mm
	Weight, gross (incl. packaging)	0.416 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Overvoltage category	III
	Weight, net	0.38 kg
Performance data	Supply voltage U	230 V AC, 50 Hz
	Power dissipation device, typical (no-load)	≤ 1 W
	Efficiency at nominal load (before choke)	> 89 %
Outputs	Output voltage	30 V DC SELV ^{*1}
	Rated current	1280 mA
	Continuous current	1600 mA
	Peak current	1900 mA
	Continuous total current, KNX + U2	1600 mA
	Parallel connection possible	No
KNX	KNX Medium	TP-256
	KNX Application	as of ETS 4
Environmental conditions	Ambient operating temperature	-5 ... +45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	Connection type	Screw terminal with slotted head
	Conductor cross section 1 x	0,5 ... 2,5 mm ²
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

*1 Additional unchoked output U2

Wiring diagram:

