

MDT Power Supply MDRC

Ausführungen		
STV-160.01	Power Supply	4TE MDRC, 160mA
STV-320.01	Power Supply	4TE MDRC, 320mA
STV-640.01	Power Supply	6TE MDRC, 640mA

The MDT KNX/EIB Power Supply with integrated choke produces the stabilized KNX system voltage (30VDC) to supply the connected KNX/EIB components. The operating status is indicated via 3 LED:

- Red LED: Reset of the KNX/EIB bus
- Green LED: Normal operation, no faults
- Yellow LED: KNX/EIB bus overload

Once the fault has been rectified, the Power Supply restarts itself.

Additionally the Power Supply STV-640.01 offers a choke free output that can be used for a special battery module

All devices able to supply 100% overload

The Power Supply 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.

STV-160.01



STV-320.01



STV-640.01



- production in Germany, certified according to ISO 9001
- modern design
- fully compatible to all KNX/EIB devices
- KNX power supply with integrated choke
- Mains voltage 230VAC
- Short-circuit-proof
- LED indicator for bus reset, normal operation and bus overload
- Button for bus reset on top
- choke free output (STV-640.01 only)
- Modular installation device for DIN 35mm rails
- Integrated bus coupling unit
- 3 years warranty

Technical Data	MDT STV-160.01	MDT STV-320.01	MDT STV-640.01
Power Supply			
Supply voltage	230VAC /50Hz	230VAC /50Hz	230VAC / 50Hz
KNX output voltage	30VDC	30VDC	30VDC
Choke free output voltage	--	--	30VDC
Output current			
Nominal	160mA	320mA	640mA
Maximal	350mA	700mA	1300mA
Mains fuse	16A	16A	16A
Permitted wire gauge			
Screw terminal	2,5mm ²	2,5mm ²	2,5mm ²
KNX busconnection terminal	0,8mm ²	0,8mm ²	0,8mm ²
Operation temperature range	0 to + 45°C	0 to + 45°C	0 to + 45°C
Enclosure	IP 20	IP 20	IP 20
Dimensions MDRC	4TE	4TE	6TE

Exemplary circuit diagram STV-320.01

