

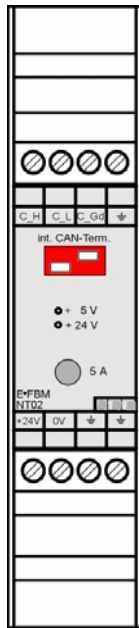
POWER SUPPLY UNIT – NT02, NT03




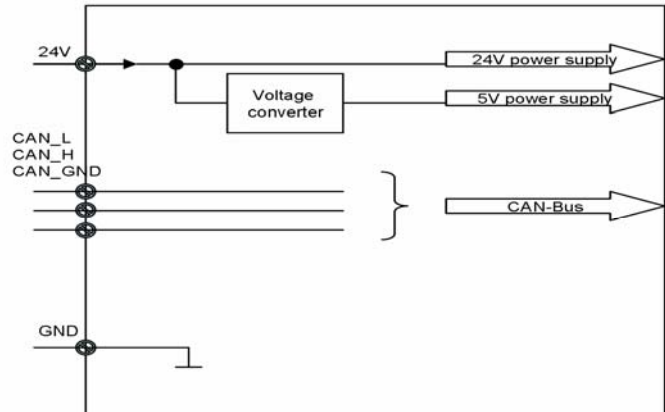
Features

- ▶ Power supply module for a field bus node without CPU
- ▶ Integrated power supply for the connected I/O modules by the internal bus
- ▶ Connection of the CAN-bus for the field bus node (transfer module)
- ▶ 24 VDC infeed
- ▶ Switchable terminating impedance in a multiple row system of modules
- ▶ Pilot-LED for external 24 Volt supply
- ▶ Pilot-LED for internal 5 Volt supply
- ▶ 2 application classes: NT02 for typical 7 connected modules, NT03 for typical 15 connected modules
- ▶ Ultra compact design

Connection diagram and terminal assignment NT02, NT03



+24 V	Power supply
GND	Signal ground
C_H	CAN-high (local bus)
C_L	CAN-low (local bus)
C_GD	CAN-ground (local bus)
	Shield



Technical specifications

Electrical connection

- ▶ Supply voltage: 18 VDC to 30 VDC
- ▶ **NT02** output voltage: 5 VDC / 1,5 A; 24 VDC / 2,0 A
- ▶ **NT03** output voltage: 5 VDC / 3,0 A; 24 VDC / 2,0 A
- ▶ Low voltage protection: <17 V, switch-off of 5V
- ▶ Short circuit protection: 5 V self-healing
24 V by 5 A fuse on front-side

Housing

- ▶ Module width: 22,5 mm
- ▶ Temperature range: -20°C bis +70°C; transport and storage
+0°C bis +50°C; operation
- ▶ Relative humidity: 5 – 95 %, non-condensing
- ▶ Protection: IP20
- ▶ Standards: EC conformation declaration according
 - ▶ 89/336/EWG (EMC-standards)
 - ▶ 73/23/EWG (low voltage standard)