

design	55 x 75 x 110mm	
mains level	output direct current	24V DC



- ✓ plastic housing to DIN 46199
- ✓ high-quality components for long life
- ✓ design for operational dependability
- ✓ voltage supply and switching amplifier
- ✓ safety isolating transformers to DIN 0551
- ✓ input fuse
- ✓ low residual ripple
- ✓ status display by LED for output relays

**stabilized power supply unit
2 x switch relays**

description

The supply voltage (e.g. 230V AC) is transformed to the specified direct voltage (e.g. 24V), rectified, screened and stabilized using a voltage regulator. The stabilized output voltage is available as supply voltage at the marked terminals, e.g. for sensors.

The switching signal of a connected sensor addresses the respective output signal for the NT550002 power supply. The relay's switching status is displayed by a yellow LED.

By varying the application of a wire jumper pnp-sensors or npn-sensors can be connected.

Stabilized power supply units with transformer (and relay) are recommended for the power supply of sensors and as

contact protection relays.

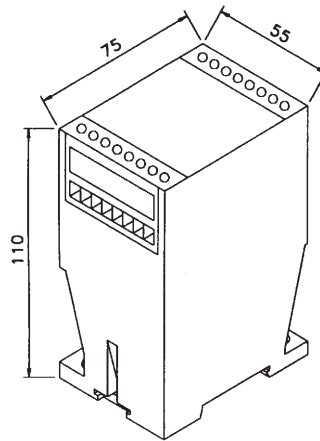
The power supply units are screwed down, e.g. inside the switch cabinet (hole pattern 37.5x60 to DIN 46121). They can also be mounted on a 35mm standard rail to DIN EN 60715 TH35 combined with contactors, time delay relays etc.

The connecting terminals are for wires up to 2.5mm² to DIN 46199.

application examples

- ▶ direct current supply from the mains supply

article-no.	NT550002
output direct current	24V DC
output nominal current	200mA



TECHNICAL DATA

output direct current	24V DC
nominal output current	200mA
switching function	2 x relays
switching current	3A
input voltage range	230V AC
nominal input current	0.05A
operating mode display	LED green
display (signal)	2 x LED yellow
design (LxWxH)	55x75x110mm
housing material	plastic
temperature (operating/storage)	0 ... +50°C
system of protection (EN 60529)	IP 20
connection	terminals
mounting	35mm DIN-rail

connection NT550002



terminal 1:	0V DC
terminal 2:	signal 1
terminal 3:	+ 24V DC
terminal 4:	signal 2
terminal 5, 6:	jumper PNP
terminal 7, 8:	jumper NPN
terminal 9, 10, 11:	relay 1
terminal 12, 13, 14:	relay 2
terminal 15, 16:	mains 230V AC

Warning: Never use these devices in applications where the safety of a person depends on their functionality.