

The compact power supply unit NTSR is excellently qualified to be used as a power supply unit for small components of the safety technology, e.g. of the safety emergency stop relay SR3C or the safety two-hand operation relay S2HC. The NTSR is also just right as a supply unit in control applications, e.g. proximity switches, light barriers or sensors.



- DC 24V / 70mA smoothed output voltage
- Ultra compact size, 22.5mm DIN-housing
- LED-display for secondary voltage
- Mains filter included
- Permanent short-circuit proof

The output terminals are existing twice, so on the secondary side several NTSR can be connected easily parallel or in series. Because of the integrated mains filter and the short-circuit proof transformer, processor controls can operate at the NTSR with noise immunity. The DC 24V-connection should be as short as possible and may not be placed near a high voltage transmission line or a high frequency line.

The supply unit is loadable up to 100mA. This is sufficient, in order to supply

- two emergency-stop-relays SR2C, SRLC, SRTC, SREC
- one emergency-stop-relay SR3C or S2HC.

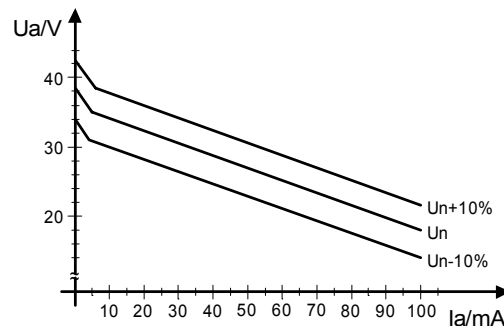


Fig 1: Output voltage in reliance on the output current

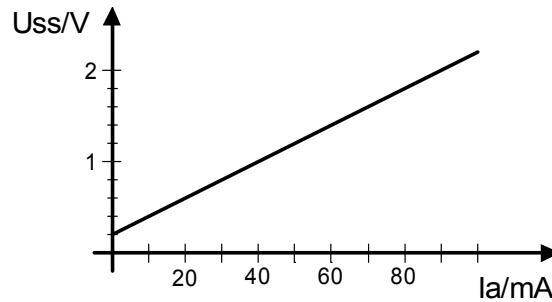
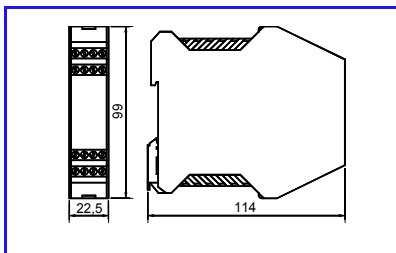


Fig 2: Residual ripple at Un



Order-No	Type
471310	NTSR, AC230V
471311	NTSR, AC115V

Specifications	
Operating Voltage	AC230V, AC115V +/- 10%
Mains frequency	50-60Hz
Power consumption	ca. 7VA
LED	green for operational (secondary voltage)
Output voltage	DC 24V unstabilized, smoothed, (see Fig.1)
Output current	I _n =70mA, max. 100mA
Residual ripple	see Fig. 2
Dielectric strength	4kV DIN VDE 0110-1:1997-04
Protection	IP20
Temperature range	-15°C bis +40°C at 100mA -15°C bis +60°C at 70mA
Weight	approx. 220g
Mounting	DIN rail (DIN EN 50022-35)

