

# TPS/UPS

## overview

- ◆ output 24V=
- ◆ input 230V~ or 115V~
- ◆ TPS1 and TPS2 with SPCO relay max. 6A for NPN- or PNP-sensor connection
- ◆ LED indicators for power supply and relay
- ◆ UPS24 uninterruptible power supply with battery-pack
- ◆ 22.5mm, 45mm or 67.5mm DIN rail mount housing

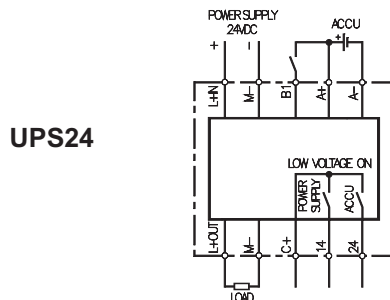
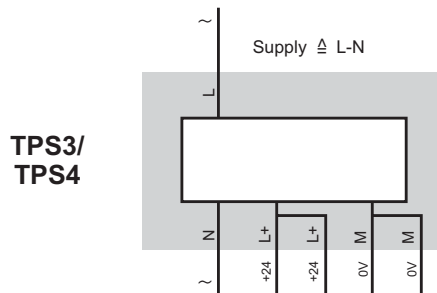
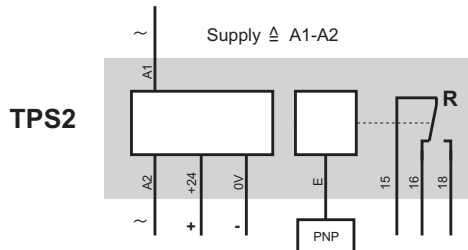
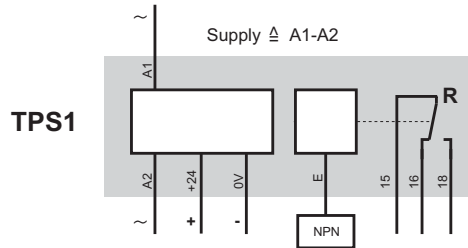
## specification

<b>output voltage</b>	24V=
TPS1 + TPS2	100mA cont. 150mA < 10s
TPS3 + TPS4	300mA cont. 400mA < 5min
<b>supply voltage</b>	nominal voltage +6% / -10%
<b>frequency range</b>	48 - 63 Hz
<b>duty cycle</b>	100%
<b>relay specification</b>	max. 6A 230V~
Ue/Ie AC-15	120V/4A 240V/3A
Ue/Ie DC-13	24V/2A
<b>expected life time</b>	SPCO
mechanical	2 x 10 <sup>7</sup> operations
electrical	1 x 10 <sup>5</sup> operations
<b>screws</b>	pozidrive 1
<b>screw tightening torque</b>	0,6...0,8Nm
<b>operating conditions</b>	-20 to +60 °C non condensing

\* EN 60947-5-1 VDE 0435

## ordering information

part no	supply	output	relay	housing types
TPS1	230V~ 3,2VA	24V= 100mA	SPCO/NPN	C
TPS2	230V~ 3,2VA	24V= 100mA	SPCO/PNP	C
TPS3	230V~ 10VA	24V= 300mA	-	E
TPS4	115V~ 10VA	24V= 300mA	-	E
UPS24	24V= 2W	0,2A	thyristor	B
Akku-Pack	NiCd, 24V, 110mAh			



power supply & uninterruptible power supply

