



fig.: housing open

Power supply, transformer and distribution-box TVB

for connecting 24 Vac controllers and actuators to 230 Vac mains voltage
 Voltage 230/24 Vac, Power 10 VA
 Housing: PC 130 x 94 x 57 mm, IP54

Accessories: 5 pcs M16 attachment bushes for cable entries included
 cable glands: please order separately if required - see ordering information

Technical data

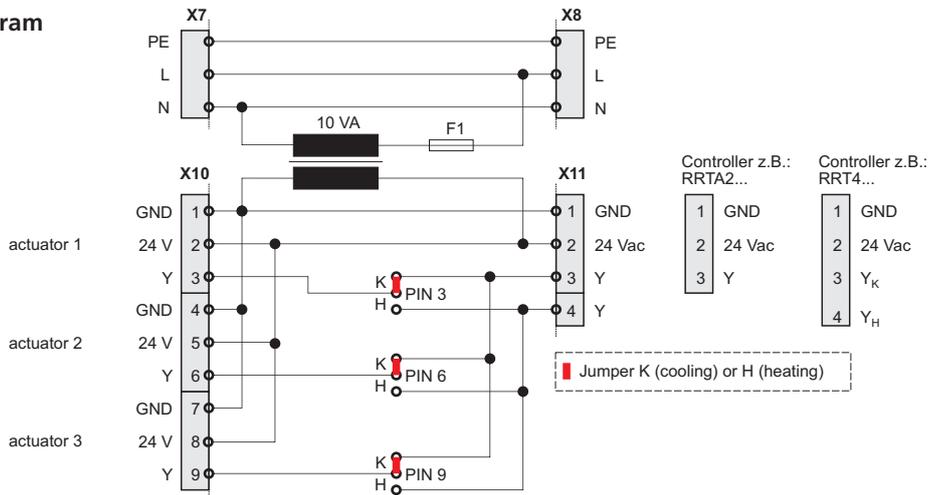
Electrical data	Input	230 Vac $\pm 10\%$, 50/60 Hz
	Fuse internal	63 mA time-lag, primary
	Output	24 Vac, open circuit voltage 26,4 Vac
	Power	10 VA
	Duty cycles DC	100 %
Safety	Protection type / class	IP54 / II, EN61558
	EMC	EN55022/B - EN61000-4
	CE conformity	2006/95/ECC - 89/336
	Ambient temperature	operation -10...50 °C; storage -10...+70 °C
	Ambient conditions	normally polluted air
Permitted relative humidity	max. 95% RH, no condensation	
Mechanisch	Mounting	surface installation
	Connection technology	screw terminals 2,5 mm ²
	Housing / color	PC 130 x 94 x 57 mm / grey
	Weight	about 550 g

Safety instructions

When connecting the TVB must be voltage-free!

The TVB may only be connected by authorized specialist personnel.
 The existing safety regulations (e.g. VDE 0100, EN 60730-T1) as well as regulations of the local energy suppliers must be observed. Faults during connection can lead to the destruction of the product and / or the connected peripheral devices!

Connection diagram



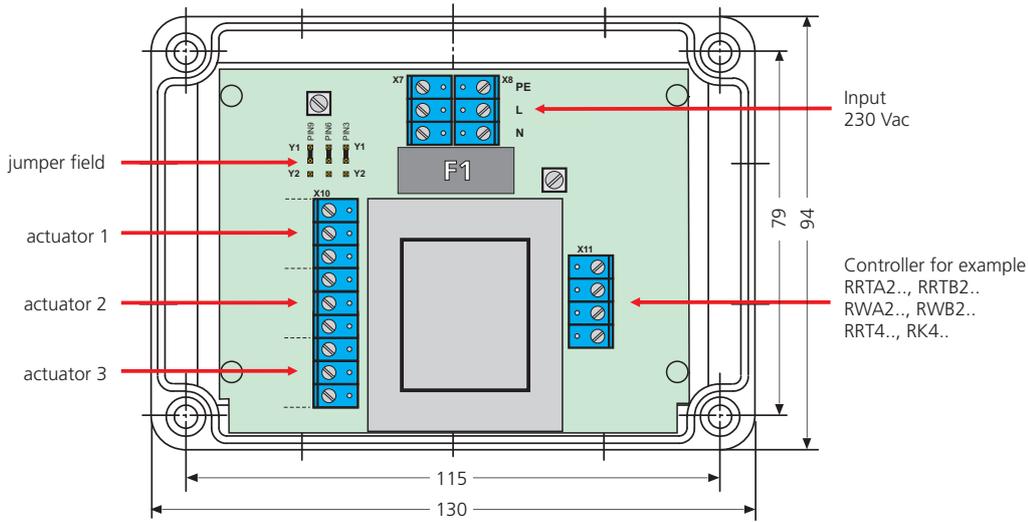
Order information

Item number	Power	Vin / Vout	Variant
TVB24.10	10 VA	230 / 24 Vac	surface installation

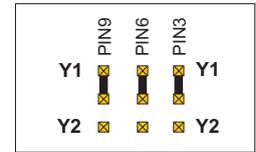
accessories

5 pcs attachment bushes M16 for cable entries included
cable glands: please order separately if required
 ZR-KV16-S10 cable glands M16x1,5 with nut, 1 PU = 10 pcs
 ZR-KV20-S10 cable glands M20x1,5 with nut, 1 PU = 10 pcs

construction + Dimensions

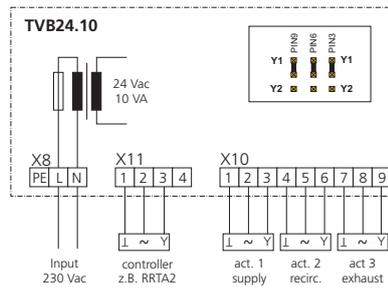
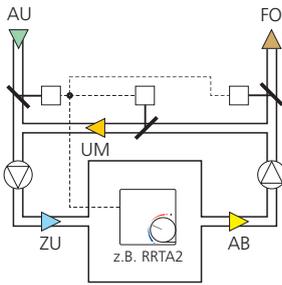


jumper field



application example: room control parallel connection

flap control : supply-, recirculated-, exhaust air



application example: heating / cooling

valve control: constant supply air temperature

