

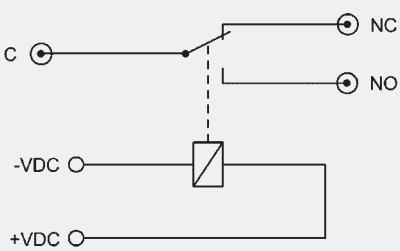
RF-/Video relays DC to 1000 MHz – SPDT-relays

Series TVR and T-TVR

- For high resolution monitors and applications at the RF-band
- High insolation
- Low insertion loss
- Impedance optional 50 Ω or 75 Ω
- With BNC connectors (others on request)
- Available at short notice (mostly ex stock Donauwörth)
- Aluminium enclosures (RF shielded)
- Special types on request



Configuration SPDT



Technical data (guaranteed values at +25 °C)

| Frequency range | DC to 100 MHz | DC to 500 MHz | DC to 1000 MHz |
|-------------------|---|------------------------|------------------------|
| Insolation | 70 dB | 60 dB | 50 dB |
| Insertion loss | 0,20 dB | 0,30 dB | 1,0 dB |
| VSWR | 1,2 : 1 | 1,4 : 1 | 2,0 : 1 |
| Maximum RF-power* | 10 W CW | 10 W CW | 10 W CW |
| Switching time | 15 ms | 15 ms | 15 ms |
| Life cycles | 10 ⁶ cycles | 10 ⁶ cycles | 10 ⁶ cycles |
| Type | A, E, T-TV | A, E, T-TV | A, E, T-TV |
| Option D | The control lines are connected with a 9-pole-SUB-D connector (standard at T-TV) instead of DC-feedthrough filters. | | |

*cold switching

Model designation

T - TVR - 7 2 1 1 - D

Option D
(only if required)

Frequency range DC-
1 = 100 MHz
2 = 500 MHz
3 = 1000 MHz

Supply voltage
0 = 5 V DC (50 mA)
1 = 12 V DC (20 mA)
2 = 24 V DC (10 mA)

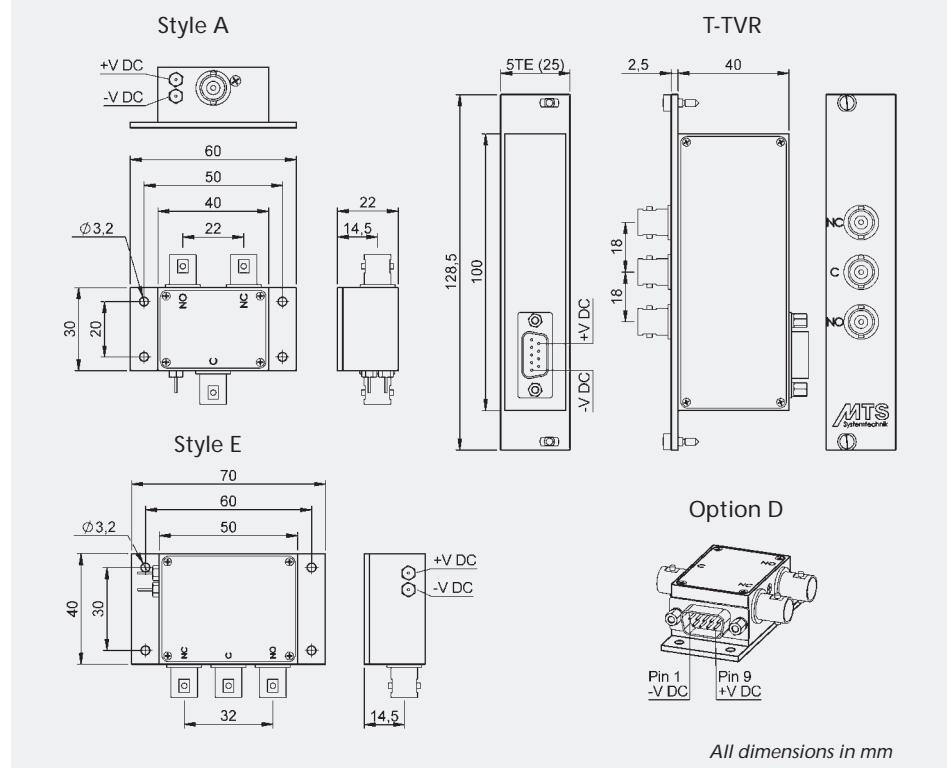
Style
0 = A, 2 = E

Impedance
5 = 50 Ω, 7 = 75 Ω

TVR-series

T-TV-series
(Cassette style
with front panel)

Dimensions, serie TVR and T-TV



All dimensions in mm