

TELFER



TF-RV

MINIMUM VOLTAGE RELAY

T.EL.FER. s.r.l. - Head office: via Soprasasso 8/2 – 38121 Trento (TN) Registered office : via Marconi 66/B – 15060 Basaluzzo (AL)
VAT registration of ALESSANDRIA n. 02275860068 – REA Number: AL – 241383 Corporate capital € 60.641,00 i.v.
telfer@pec.it info@telfer.it www.telfer.it Tel. (+39) 0461 1590084 Fax (+39) 0461 1590105

THE QUALITY SYSTEM OF T.EL.FER. SRL HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF UNI EN ISO 9001:2008
CERTIFICATE NUMBER 50 100 11979



DOC: CO0914 /TF_RV-EDS / 001	EMESSO DA: AQ	REV: 0	DATA: 18/09/2014
-------------------------------------	----------------------	---------------	-------------------------

MINIMUM VOLTAGE RELAY

GENERAL CHARACTERISTICS

- 8.1 kHz sampling rate 13 bits A/D
- Resolution 0.1% FS
- Voltage Range : 0 . . + 1600V (-15 option)
- Voltage Range : 0 . . + 3200V (-30 option)
- On site programmable threshold with 50 Volt step
- 10 kV insulation (-15 option) or 20 kV insulation (-30 option) between terminals and power supply
- 2,5 kV 50Hz 1min insulation between relays outputs and power supply
- Power supply: $85 \div 260 V_{DC}$
- Power consumption: < 6 VA

DIGITAL OUTPUTS

- Three on site programmable N.E. or N.D. output relays each with one N.O. and one N.C. contact
- Two relays for watchdog
- Contacts characteristics:
 - Max switching current (resistive): 8A
 - Electrical expected life (min. operations, 5A, 30V_{DC} resistive): 2×10^5
- Response delay: <1s (threshold), <3s (watchdog)

PROGRAMMING

- Done with two externally accessible rotary switches

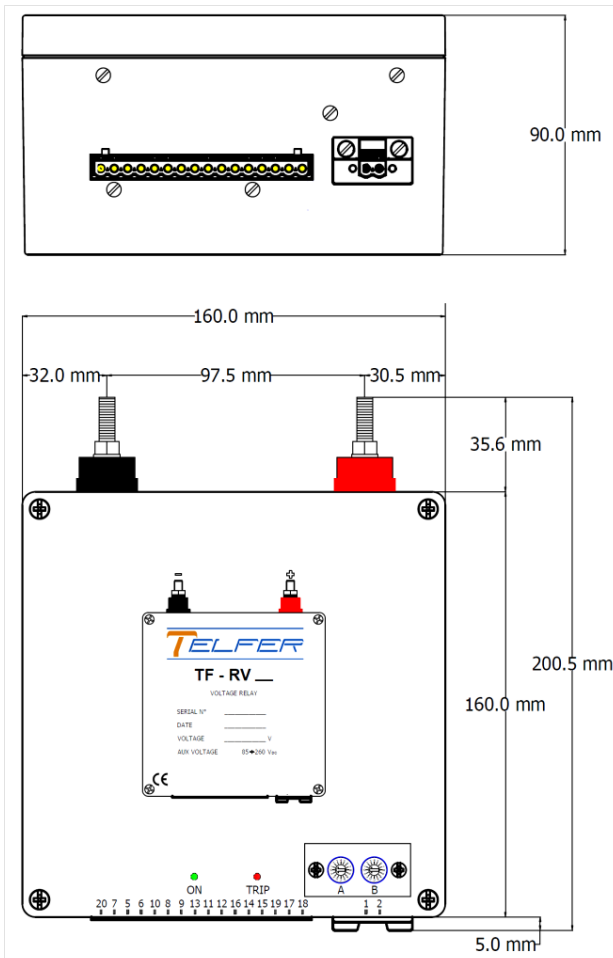
MECHANICAL

- IP43 ABS case
- Size: 200.6mm x 160mm x 90mm (H x L x D)

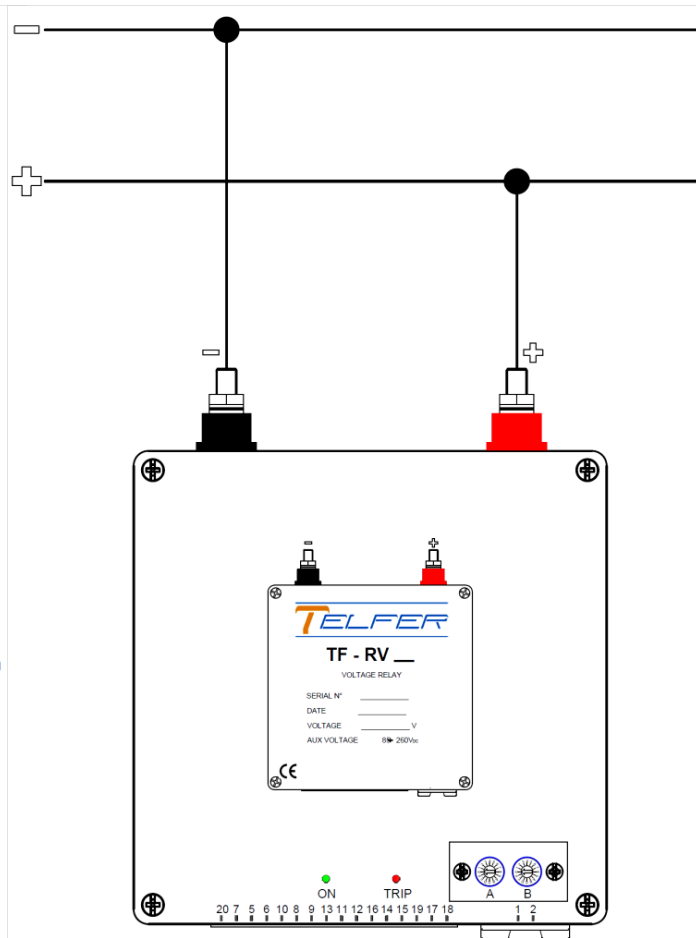
ENVIRONMENTAL

- Operating temperature: -10°C ... +55°C
- Storage temperature: -20°C ... +60°C

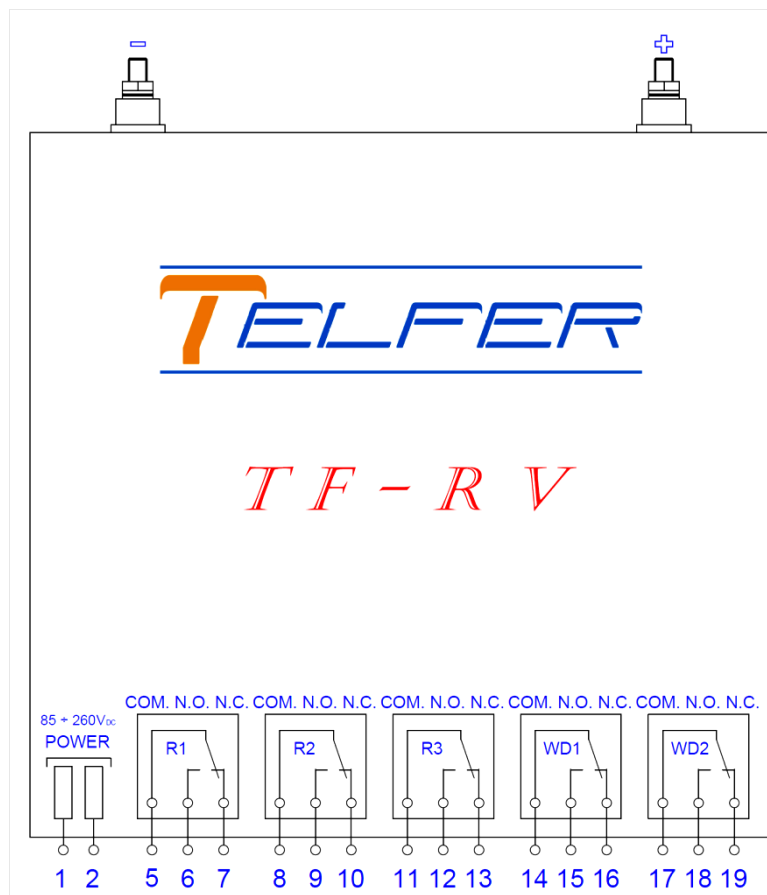
TF-RV



DIMENSIONS



CONNECTIONS SCHEME



FUNCTIONAL SCHEME