

CTF-134R/UC24V
1 NO + 1 NC | Forcibly guided time relay | without microprocessor



Table with 2 columns: Parameter (Time data, Timing functions, Timing range, Timing scale) and Value (2: B1, K, G, N, F, A, Q, L 3: E, B, W, H, 40 ms ... 200 ms / 0.16 s ... 0.8 s / 0.4 s ... 2 s / 1.6 s ... 8 s / 4 s ... 20 s / 16 s ... 80 s / 0.4 min ... 2 min / 1.6 min ... 8 min / 4 min ... 20 min / 16 min ... 80 min / 0.4 h ... 2 h / 1.6 h ... 8 h / 4 h ... 20 h / 16 h ... 80 h, 0.2 s / 0.8 s / 2 s / 8 s / 20 s / 80 s / 2 min / 8 min / 20 min / 80 min / 2 h / 8 h / 20 h / 80 h)

Table with 2 columns: Parameter (Main circuit, Number of forcibly guided contacts, Available contact materials, Rated voltage, Rated current, Minimum load, Inrush current, Rated load DC, Rated load AC-1, Mechanical endurance (cycles), Electrical endurance at rated load AC-1 (cycles)) and Value (1 NO + 1 NC (Type A), AgNi + 0.2 µ Au, 250 V, 6 A, 10 mA, 12 V, 16 A, 10 ms, fig. 3, 1,500 VA, 20 000 000, fig. 2)

Table with 2 columns: Parameter (Control circuit, Nominal voltage, Operating voltage range, Power consumption AC / DC, Current consumption on supply A1-A2 AC / DC, Current consumption on input control B1 AC / DC, Inrush current, Recovery time, Minimum control impulse time, Contains microprocessor, Frequency range) and Value (24 V AC/DC, 0.7 UN ... 1.25 UN, 1.6 VA / 1.2 W, < 55 mA, < 2 mA, < 250 mA, ≥ 40 ms, ≥ 20 ms, no, 0, 50 ... 60 Hz)

Table with 2 columns: Parameter (Insulation, Type of insulation, Rated test voltage control / main circuit, Rated test voltage open contact, Pollution degree, Overvoltage category) and Value (basic, 2 kV rms / 1 min, 1 kV rms / 1 min, 2, III)

Table with 2 columns: Parameter (Housing and environmental conditions, Storage temperature (no ice), Operation temperature, Ingress Protection, Weight, Housing material, Operation Position, Dimensions) and Value (-40 ... 85 °C, -40 ... 70 °C, IP 20, 75 g, PA / PC, any, fig. 4)

Table with 2 columns: Parameter (Wiring, Contact type control / main circuit, Conductor cross section control / main circuit) and Value (Screw terminal, 4 mm² / AWG12 (Wire), 2.5 mm² / AWG14 (Stranded), 1.00 mm² / AWG17 (Ferrule). Use copper conductors only.)

Table with 3 columns: Description, Type, and a checkmark column. Row 1: 1 NO + 1 NC, CTF-134R/UC...V, ✓



fig. 1. Wiring diagram

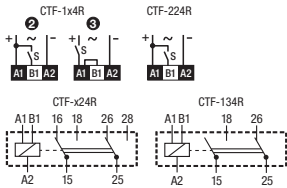


fig. 2. AC voltage endurance

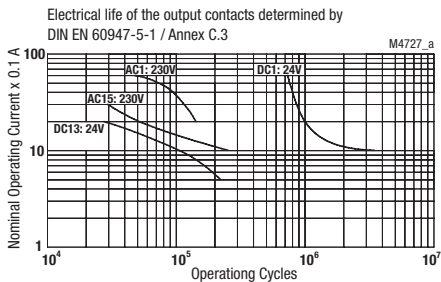


fig. 3. DC load limit curve

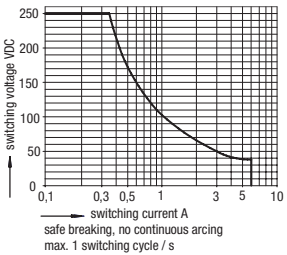
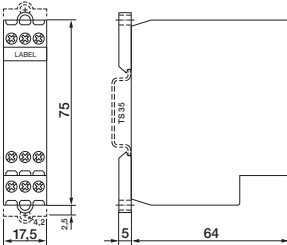


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61812-1, IEC/EN 61810-3
Railway EN 50155, EN 45545-2
Approvals CE UK CA