

**AL3**

**Staircase switch | Auto - ON | 24 V UC | 220 ... 240 V AC | 1 NO, pre-contact**

**Time data**

Timing functions	L, LS, S
Timing range	30 s - 60 min
Timing scale	6 min / 60 min

**Main circuit**

Number of contacts	1 NO
Contact Material	W + AgSnO <sub>2</sub>
Rated voltage	250 V
Rated current	10 A
Minimum load	10 mA, 12 V
Inrush current	600 A, 2.5 ms / 120 A, 20 ms
Rated load DC	210 W, 30 V
Rated load AC-1	2500 VA
Mechanical endurance (cycles)	5 x 10 <sup>6</sup>
Electrical endurance at rated load AC-1 (cycles)	5 x 10 <sup>3</sup>

**Control circuit**

Nominal voltage	24 V UC	220 ... 240 V AC
Operating voltage range	19.2 ... 30 V	187 ... 265 V
Power consumption AC / DC	2.5 VA / 2.5 W	2.5 VA / 2.5 W
Typ. input current on command input AC / DC	500 mA	120 mA
Typ. threshold voltage on command input AC / DC	18 V	175 V
Rated frequency	48 ... 63 Hz	48 ... 63 Hz

**Insulation**

Rated test voltage control / main circuit	2.5 kV rms / 1 min
Rated test voltage open contact	2.5 kV rms / 1 min
Pollution degree	2
Overvoltage category	III

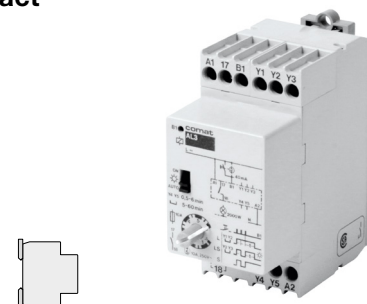
**General data**

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Conductor cross section	2.5 mm <sup>2</sup> , 2 x 1.5 mm <sup>2</sup>
Nominal screw torque	0.4 Nm
Module width	fig. 4
Weight	98 g
Protection degree	IP 20
Housing material	PC

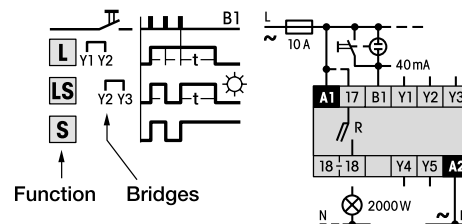
**Product references**

Types	Product reference	24	220-240
UC supply	AL3/UC...V	✓	
AC supply	AL3/AC...V		✓

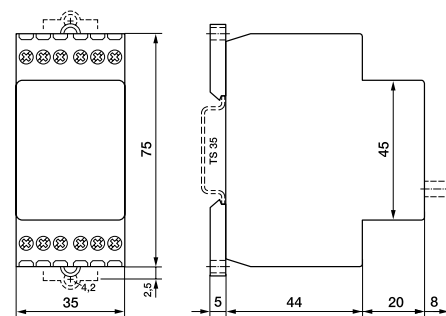
"..." list control circuit voltage to complete product references.  
Other voltages on request. Please contact support@comatreleco.com.



**fig. 1. Wiring diagram**



**fig. 2. Dimensions (mm)**



**Standards and approvals**

Standards IEC/EN 60947

Approvals