

C12-A20X/AC24V
2 pole | Changeover contact | Faston



Main circuit

Table with 2 columns: Parameter and Value. Parameters include Available contact materials (AgNi), Recommended minimum contact load (10 mA / 10 V), Maximum contact load AC (5 A / 250 V AC-1), Maximum contact load DC (5 A / 30 V DC-1), Inrush current (15 A, 20 ms), Rated load AC (1 200 VA), Rated load DC (fig. 3), Rated current (5 A), Mechanical endurance (cycles) (≥ 10 000 000), and Electrical endurance at rated load AC-1 (cycles) (≥ 100 000).

Control circuit

Table with 2 columns: Parameter and Value. Parameters include Nominal voltage (see table product references), Operating voltage range (0.8 UN ... 1.1 UN), Pick-up voltage (≤ 0.8 UN), Release voltage (≥ 0.1 UN), and Power consumption AC / DC (1.1 VA / 0.7 W).

Coil table

Table with 3 columns: UAC(V), R(Ω), and I(mA). Row 1: 24, 290, 45.

Insulation

Table with 2 columns: Parameter and Value. Parameters include Test voltage open contact (1 kV / 1 min), Test voltage contact / contact (3 kV / 1 min), Test voltage contact / coil (5 kV / 1 min), Overvoltage category (III), Insulation resistance at 500 V (≥ 1 GΩ), and Pollution degree (3).

General data

Table with 2 columns: Parameter and Value. Parameters include Storage temperature (no ice) (-40 ... 80 °C), Operation temperature (-40 ... 60 °C), Pick-up time / bounce time (10 ms / ≤ 1 ms), Release time / bounce time (5 ms / ≤ 3 ms), Maximum switching frequency at rated load (1 200 / h), Dimensions (fig. 4), Weight (21 g), and Housing material (PA / PC).

Product references

Table with 3 columns: Description, Type, and 24. Row 1: LED, C12-A2xX/AC...V, ✓.

Accessories

Table with 2 columns: Accessory and Part Number. Row 1: Socket, S12, S12-PI, S12-P.

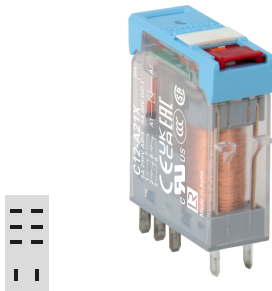


fig. 1. Wiring diagram

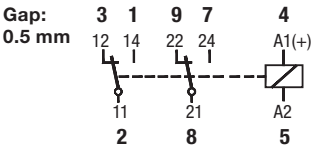


fig. 2. AC voltage endurance

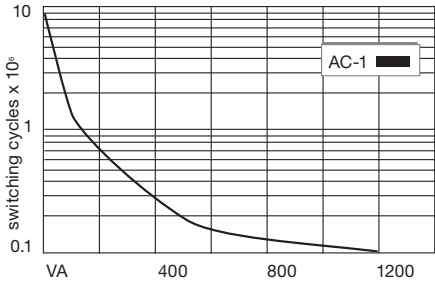


fig. 3. DC load limit curve

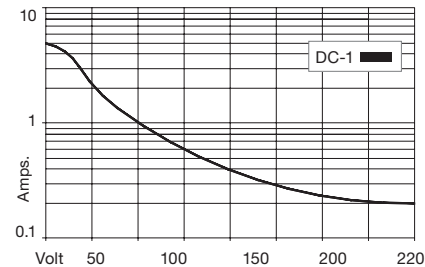
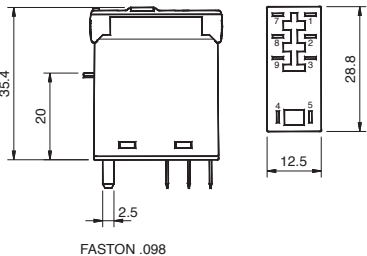


fig. 4. Dimensions (mm)



Technical approvals, conformities

