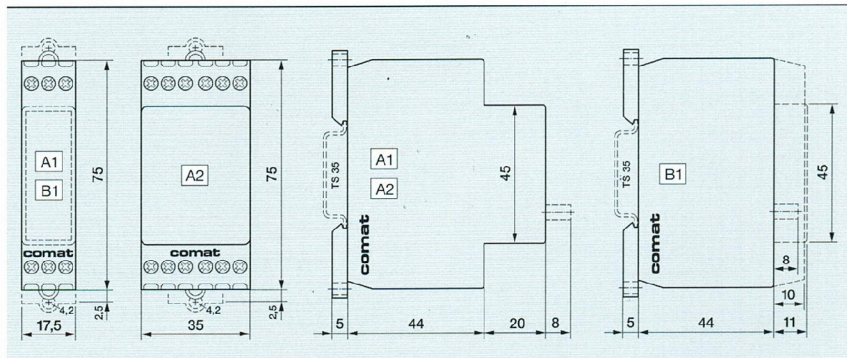


Power Relays Step-on Step-off Relays

Staircase Lighting Timers

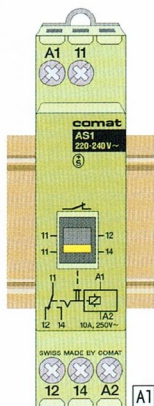


if This series has been awarded the if mark for outstanding industrial design.

As a particular and common characteristic the comat light control devices/staircase lighting timers of the series AL2, AL3, AL4 and AL5 have a twin-contact output with one side of the early make contact made of tungsten. A tungsten contact with its extremely high melting point can conduct exceptionally high currents, i.e. up to 600A until, in the case of short-circuit the fuse connected in series triggers. Or up to 120A for 20ms, as can appear when switching compensated fluorescent lamps or other gas discharge lamps. With this characteristic a welding of contacts can be reliably prevented.

The devices in the AL4 and AL5 series are made for central control of switching functions and can also be used for the operation with extra-low voltages:

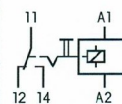
The professional solution for installations in schools, homes, authorities, industrial environments connected to a control central or to various illuminated push buttons (LED or glow lamps) up to 40 mA.



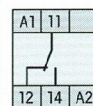
AS1 Step-on Step-off Relays

- Power change-over contacts 10A, 250V~
- Remanence relay, manual operation
- Mechanical output status

AC ~	UC ~
50/60 Hz	~/~/~/
220-240V	48-60V
110-127V	24-36V
	12-15V

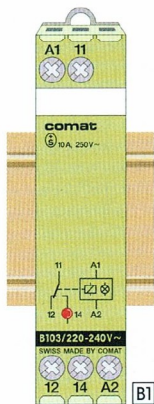


-15/+10%, 0,25-0,5W nom
1) | 10A, 250V~
μ AgCdO
2200VA, ≤ 150W(DC)
2x10⁷ mechanical life



1) Values for resistive loads

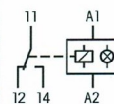
Ex. of order: 1 Step-on Step-off Relay AS1/AC220-240V



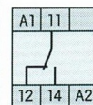
B103 Power Relays

- Power change-over contacts 10A, 250V~
- Freewheel diode and DC reverse-polarity protection
- LED output status

AC ~	UC ~
50/60 Hz	~/~/~/
220-240V	24, 48V
110-127V	8-12V

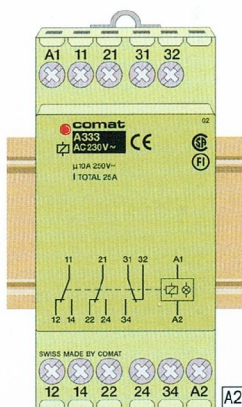


-15/+10%, 0,8-1,25W nom
1) | 10A, 250V~
μ AgCdO
2200VA, ≤ 200W(DC)
2x10⁷ mechanical life



1) Values for resistive loads

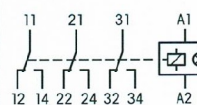
Ex. of order: 1 Power Relay B103/AC220-240V



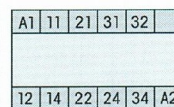
A333 Power Relays

- Power change-over contacts 10A, 250V~
- Freewheel diode and DC reverse-polarity protection
- LED output status

AC ~	DC =
50/60 Hz	==/==
230, 110V	24, 48V
24, 48V	12V



-15/+10%, 2,2VA/1,2W nom
1) | 10A, 250V~ | total 25A
μ AgCdO
1500VA, ≤ 200W(DC)
2x10⁷ mechanical life



1) Values for resistive loads

Ex. of order: 1 Power Relay A333/AC220V