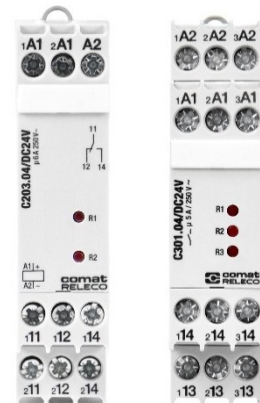


Change Instructions from C203.04 to C301.04

As part of the consolidation of our product range, some variants of the installation relays are being discontinued.

The successor products are as follows:

Discontinued items	Successor
C133.01/DC12V	2x B103/UC8-12V
C203.01/AC220–240V	2x B103/AC220–240V
C203.04/DC24V	C301.04/DC24V
C133.01/UC48V	None
C203.06/UC48V	
C203.06R/UC36V	



This document outlines the similarities and differences between the C203.04/DC24V and C301.04/DC24V.

1 Technical compatibility

The C203 has 2 coils, whilst the C301 has 3 coils. In both variants, each coil switches one relay. The coils of the C203 share a common A2, whilst the coils of the C301 can all be controlled independently of one another.

Contact type: The C203 switches two changeover contacts, whilst the C301 switches three normally open contacts.

The load capacity of the contacts and the characteristics of the Control circuits are the same:

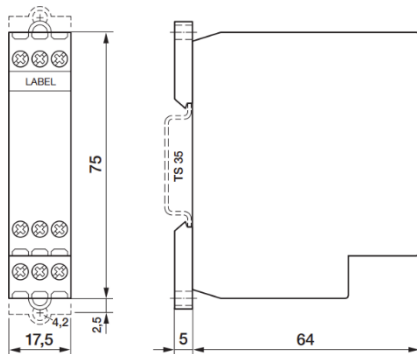
	C203.04/DC24V	C301.04/DC24V
Recommended minimum contact load	1 mA / 0.1 V	
Maximum contact rating AC-1 DC-1	5 A / 250 V 30 V	
Rated load AC DC	1 250 VA 150 W	
Operating voltage range	19.2 – 28.8 V	
AC power consumption	2 x 0.25 VA	3 x 0.25 VA
DC power consumption	2 x 0.25 W	3 x 0.25 W

Both types have the same electrical and mechanical service life.

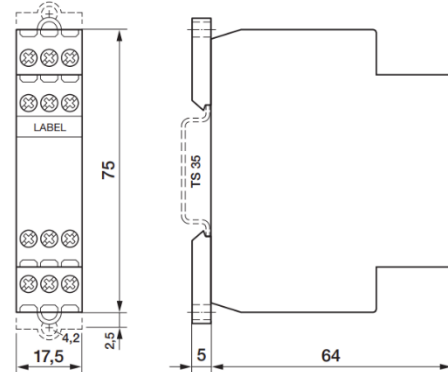
1.1 Housing

The maximum dimensions of the housings are the same for both types, although the contours differ.

Dimensions of the C203.04



Dimensions of the C301.04

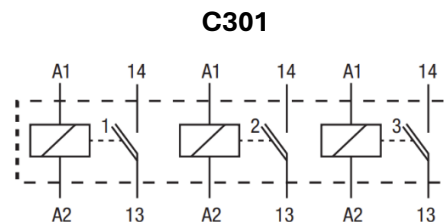
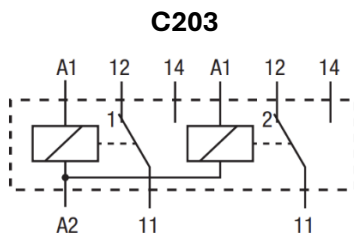


2 Wiring

The connection diagram and contact type differ between the two types, so that switching between them requires adjustments to the wiring and the overall circuit:

- The C203 switches change-over contacts, whilst the C301 switches the normally open. In both cases, the outputs are at the bottom.
- The coil terminals are at the top on both models, although on the C301 they are arranged in two rows, each with a pair of A1–A2 terminals.

2.1 Wiring diagram



The requirements for conductor cross-section and torque are identical.

3 Data sheet

The data sheets for the [C203.04/DC24V](#) and [C301.04/DC24V](#) are available on our website and contain all the relevant technical information. You can find these replacement guides under ‘Discontinued and successor products’.

You can find a complete overview of all installation relays via the navigation:

<https://www.comatreleco.com/en/Products/Relays-Contactors/Installation-Relays/>

If you have any further questions, our technical support team will be happy to assist you:

support@comatreleco.com