

In 2013 Crouzet renovated the complete family of 17.5mm Chronos 2 timers; the 22.5mm and plug-in versions were not updated. Here we list the comparison of the main features between the old and new versions of these timers

Part numbering:

To facilitate the identification of the new items only 1 digit changed on the new part number (i.e. P/N **88 826 105** was replaced by P/N **88 827 105**). However, the type designation, like **MUR1** for example, remained the same as on the equivalent old part number.

Below is a table that shows the cross reference of the old timer versus the new timers:

Old part number	Type	New part number
88826004	MUS2	88827004
88826014	MAS5	88827014
88826044	MHS2	88827044
88826054	MLS2	88827054
88826100	MUR4	88827100
88826103	MUR3	88827103
88826105	MUR1	88827105
88826115	MAR1	88827115
88826125	MBR1	88827125
88826135	MCR1	88827135
88826145	MHR1	88827145
88826155	MLR1	88827155
88826150	MLR1	88827150
88826180	MXR4	No replacement
88826185	MXR1	88827185
88826503	MURc3	88827503

Functionality:

For each particular type, the new part number has the exact same timing functions (i.e. P/N **88 827 103** has the same timing functions as P/N **88 826 103**).

The timing ranges also remain the exact same: 0.1 seconds up to 100 hours divided into 7 different selectable ranges.

Internal construction:

The internal circuit was completely re-designed: the new circuit was optimized and all the components in risk of being discontinued were replaced.

The new circuit is more robust: the quality and the reliability of the product are improved with the new design.

Electrical specifications:

All the electrical characteristics of the product remain the same. For each particular type the new part number has the exact same input voltage range, same input power consumption and the same output rating (8 Amps for relay output types, 0.7 Amps for solid state output types).

Terminals arrangement and user interface:

The designation and the order of the terminals remains the same, with terminals A1, 15 and Y1 on the top, and terminals 18, 16 and A2 on the bottom:



Old version



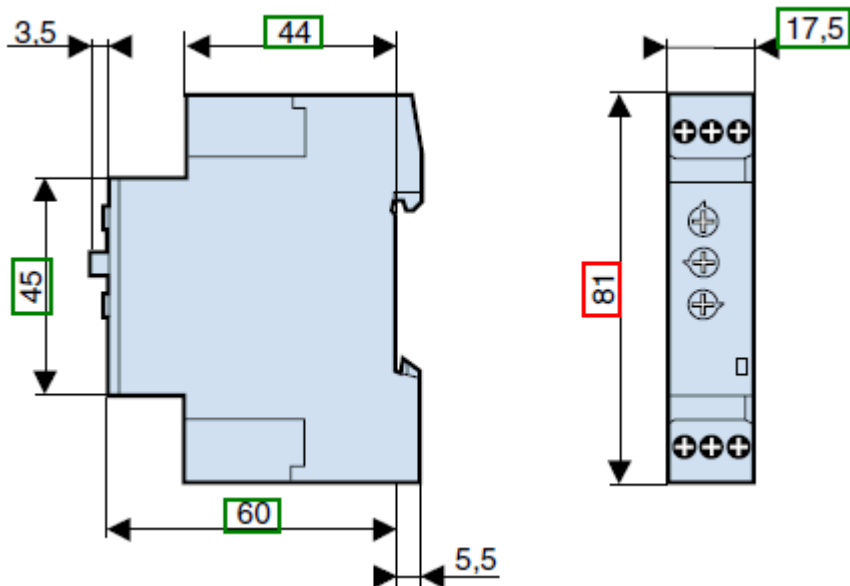
New version

This allows to easily replace the old items without making any changes on the wiring.

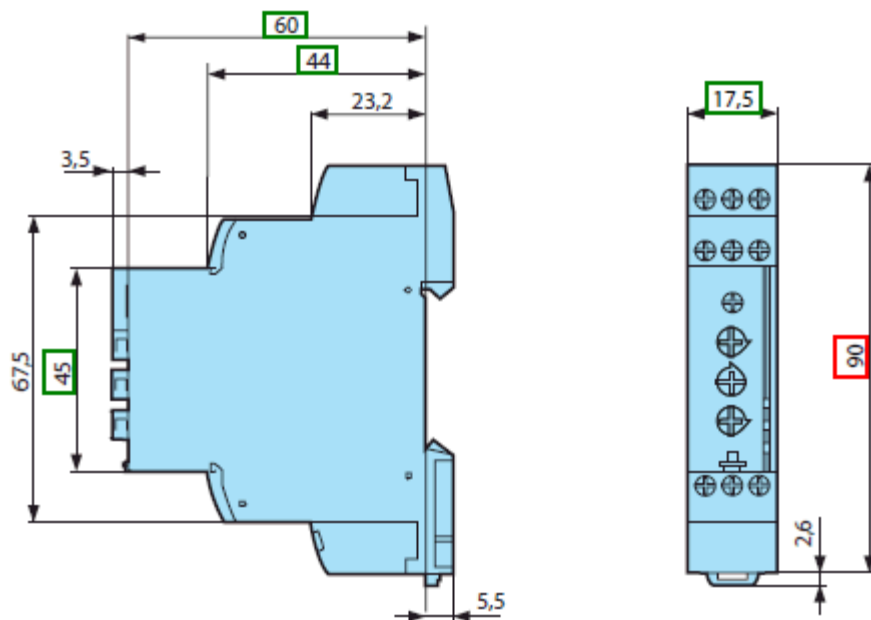
The user interface (dials and LED) remains exactly the same, as can be seen on the pictures above.

Mechanical dimensions:

The new product has a different housing with very similar dimensions. The main dimensions are the same with the exception of the length of the product. Below the dimensions that didn't change are marked in green and the dimensions that changed are marked in red (all the dimensions are in millimeters):



Old version



New version