The CT-C range combines lower cost with higher value and performance by offering essential functions in a 17.5 mm housing, freeing up room in any control cabinet. The range includes 11 devices, offering both single and multifunctional types, with a time range from 0.05 seconds to 100 hours.

Equipped with wide voltage ranges, CT-C time relays allow for use across a huge variety of applications worldwide.

With a width of just 17.5 mm, the CT-C range is 22% smaller than standard industrial housings for time relays. Its reduced overall footprint saves space in control cabinets. For more flexibility both 1 c/o and 2 c/o output versions are offered in the compact housing.

The CT-C range is an economical range that combines lower cost with higher value and performance. It suits basic applications where a time relay is needed, while offering improved functionality in each device.

By combining more functions into each device, the CT-C range makes it possible to reduce stock by up to 75% compared to other ranges. All devices in the CT-C range offer a wide supply voltage range as well as a wide time setting range from 0.05 seconds to 100 hours. This significantly reduces order code variants.
Cyclic switching of machinery e.g. weekly startup of a fan to prevent tight fit or flushing of pipes for cleaning to avoid clogging.

Remote control of time delays with a remote potentiometer.

Cyclic switching of machinery e.g. weekly startup of a fan to prevent tight fit or flushing of pipes for cleaning to avoid clogging.

Lighting control e.g. delayed switching of multiple rows of lamps in e.g. production facilities or greenhouses.

Applications

- Preselection of the time range
- Fine adjustment of the time delay
- Connection terminals
- Control input to start timing
- Direct reading scales
- LEDs for status indication
- Selection of the timing function

- Width 17.5 mm
  With their width of only 17.5 mm the CT-C time relays are ideally suited for installations with limited space

- Connection terminals
  Wide terminal spacing allows connection of wires:
  2 x 1.5 mm² (2 x 16 AWG) with wire end ferrules or 2 x 2.5 mm² (2 x 14 AWG) without ferrules.

- Control input to start timing
  Direct setting of the time delay without any additional calculation provides accurate time delay adjustment.

- Direct reading scales
  Direct setting of the time delay without any additional calculation provides accurate time delay adjustment.

- LEDs for status indication
  All actual operational states are displayed by front-facing LEDs, thus simplifying commissioning and troubleshooting.
  - U - green LED:
    - control supply voltage applied / V
    - W timing
  - R, R1, R2 - yellow LED:
    - output relay energized
### CT-E to CT-C conversion table

<table>
<thead>
<tr>
<th>Timing Function</th>
<th>Type</th>
<th>Part number</th>
<th>Type</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Multifunctional</strong></td>
<td>CT-MFE</td>
<td>1SVR500029R8100</td>
<td>CT-MFC.12</td>
<td>1SVR508020R0000</td>
</tr>
<tr>
<td><strong>ON-Delay</strong></td>
<td>CT-ERE</td>
<td>1SVR550107R1100, 1SVR550107R4100, 1SVR550107R2100, 1SVR550107R5100, 1SVR550100R1100, 1SVR550100R4100, 1SVR550100R2100, 1SVR550100R5100</td>
<td>CT-ERC.12</td>
<td>1SVR508020R0000</td>
</tr>
<tr>
<td><strong>OFF-Delay</strong></td>
<td>CT-AHE</td>
<td>1SVR550118R1100, 1SVR550118R4100, 1SVR550118R2100, 1SVR550110R1100, 1SVR550110R4100, 1SVR550110R2100, 1SVR550111R1100, 1SVR550111R4100, 1SVR550111R2100</td>
<td>CT-AHC.12</td>
<td>1SVR508110R0000</td>
</tr>
<tr>
<td><strong>Impulse-ON</strong></td>
<td>CT-VWE</td>
<td>1SVR550137R1100, 1SVR550137R4100, 1SVR550137R2100, 1SVR550130R1100, 1SVR550130R4100, 1SVR550130R2100</td>
<td>CT-VWC.12</td>
<td>1SVR508130R0000</td>
</tr>
<tr>
<td><strong>Impulse-OFF</strong></td>
<td>CT-AWE</td>
<td>1SVR550148R1100, 1SVR550148R4100</td>
<td>CT-AHC.12</td>
<td>1SVR508110R0000</td>
</tr>
<tr>
<td><strong>Star-Delta</strong></td>
<td>CT-YDE</td>
<td>1SVR550207R1100, 1SVR550207R4100, 1SVR550207R2100, 1SVR550200R1100, 1SVR550200R4100, 1SVR550200R2100</td>
<td>CT-SDC.22</td>
<td>1SVR508212R0100</td>
</tr>
<tr>
<td></td>
<td>CT-SDE</td>
<td>1SVR550217R4100, 1SVR550210R4100, 1SVR550212R4100</td>
<td>CT-SAC.22</td>
<td>1SVR508210R0100</td>
</tr>
</tbody>
</table>

1) ON-Delay, OFF-Delay w. auxiliary voltage, Impulse-ON, Flasher starting ON, Flasher starting OFF, Pulse former
2) ON-Delay, OFF-Delay w. auxiliary voltage, Impulse-ON, Impulse-OFF, Flasher starting ON, Flasher starting OFF, Pulse former

Please check the catalog data for further information and the usability of the new product in your application.

For selected timing functions, variants with 2 c/o are available.