

|                                         |                                                                                |               |                 |            |
|-----------------------------------------|--------------------------------------------------------------------------------|---------------|-----------------|------------|
| <b>Type</b>                             | <b>C2-T2x/ ... V</b><br>Standard relay for low level<br>2 Change-over contacts |               |                 |            |
| <b>Maximum contact load</b>             | <b>6 A/250 V</b>                                                               | <b>AC1</b>    | <b>6 A/30 V</b> | <b>DC1</b> |
| <b>Recommended minimum contact load</b> | <b>5 mA/5 V</b>                                                                | <b>Code 1</b> |                 |            |
|                                         | <b>1 mA/5 V</b>                                                                | <b>Code 2</b> |                 |            |

**Contacts**

|                                |          |        |                 |
|--------------------------------|----------|--------|-----------------|
| Material                       | Standard | Code 1 | AgNi + 0,2 µ Au |
|                                | Optional | Code 2 | AgNi + 10 µ Au  |
| Rated current                  |          |        | 6 A             |
| Switch-on current max. (20 ms) |          |        | 15 A            |
| Switching voltage max.         |          |        | 250 V           |
| AC load (Fig 1)                |          |        | 1,2 kVA         |
| DC load                        |          |        | see Fig. 2      |

**Coil**

|                 |                             |
|-----------------|-----------------------------|
| Coil resistance | see table; tolerance ± 10 % |
| Pick-up voltage | ≤ 0,8 × U <sub>N</sub>      |
| Release voltage | ≥ 0,1 × U <sub>N</sub>      |
| Nominal power   | 2,2 VA (AC)/1,3 W (DC)      |

**Coil table**

| VAC | Ω   | mA  | VDC | Ω    | mA |
|-----|-----|-----|-----|------|----|
| 24  | 67  | 92  | 24  | 443  | 54 |
| 48  | 296 | 46  | 48  | 1K8  | 27 |
| 115 | 1K7 | 19  | 110 | 9K2  | 12 |
| 230 | 7K1 | 9,5 | 220 | 36K1 | 6  |

**Insulation**

|                                |                 |
|--------------------------------|-----------------|
|                                | Volt rms, 1 min |
| Contact open                   | 1000 V          |
| Contact/contact                | 2,5 kV          |
| Contact/coil                   | 2,5 kV          |
| Insulation resistance at 500 V | ≥ 1 GΩ          |
| Insulation, IEC 61810-1        | 2,5 kV/3        |

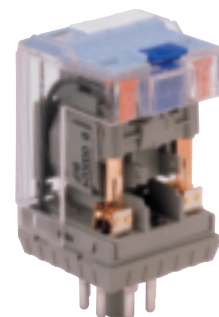
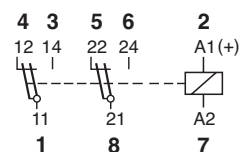
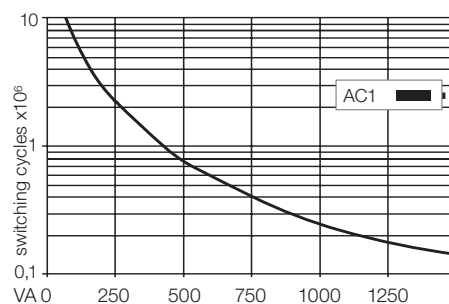
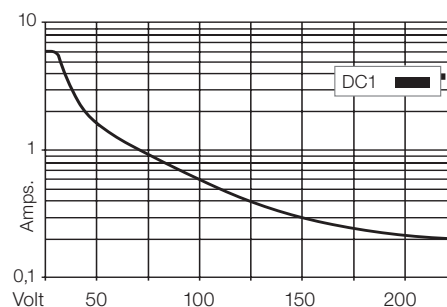
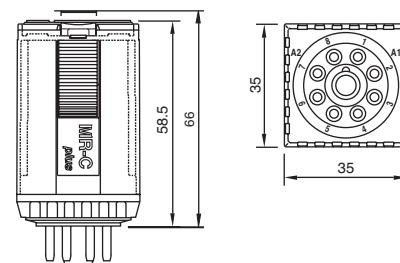
**Specifications**

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Ambient temperature operation/storage | -40 (no ice)...60 °C / -40 ... 80 °C |
| Pick-up time/bounce time              | 16 ms/≤ 3 ms                         |
| Release time/bounce time              | 8 ms/≤ 1 ms                          |
| Mechanical life ops                   | AC: 10 Mill./DC: 20 Mill.            |
| DC voltage endurance at rated load    | ≥ 100000 switching cycles            |
| Switching frequency at rated load     | ≤ 1200/ops/h                         |
| Protection class                      | IP40                                 |
| Weight                                | 90 g                                 |

**Standard types****VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)****LED****RC Suppressor****VDC 24, 48, 110, 220****LED****Free wheeling diode****Polarity and free wheeling diode****AC/DC bridge rectifier 24 V, 48 V, 60 V**
**C2-T21/AC ... V**  
**C2-T21X/AC ... V**  
**C2-T21R/AC ... V**
**C2-T21/DC ... V**  
**C2-T21X/DC ... V**  
**C2-T21DX/DC ... V**  
**C2-T21FX/DC ... V**
**C2-T21BX/UC ... V**
**C2-T22/AC ... V**  
**C2-T22X/AC ... V**  
**C2-T22R/AC ... V**
**C2-T22/DC ... V**  
**C2-T22X/DC ... V**  
**C2-T22DX/DC ... V**  
**C2-T22FX/DC ... V**
**C2-T22BX/UC ... V**

"... Enter the voltage for full type designation

**Accessories**
 Socket:  
 Optional accessories (blanking plug):

**S2-B, S2-S, S2-L, S2-P, S2-P0**  
**SO-NP, SO-OP**
**Connection diagram****Fig. 1 AC voltage endurance****Fig. 2 DC load limit curve****Dimensions [mm]****Technical approvals, conformities**

IEC 61810; EN 60947