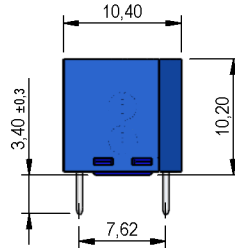
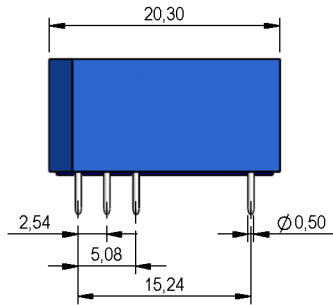
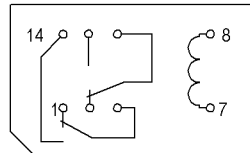
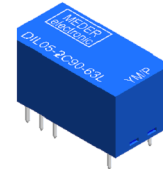
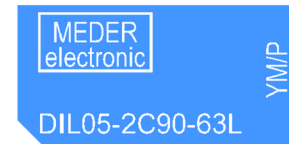



**Dimensions mm[inch]**

 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

**Layout**

 Top view  
 Draufsicht

**Isometric**

 Scale 1:2  
 Maßstab 1:2

**Marking**

 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte


| Coil Data at 20 °C | Conditions | Min  | Typ | Max | Unit |
|--------------------|------------|------|-----|-----|------|
| Coil resistance    |            | 135  | 150 | 165 | Ohm  |
| Coil voltage       |            |      | 5   |     | VDC  |
| Rated power        |            |      | 167 |     | mW   |
| Pull-In voltage    |            |      |     | 3,5 | VDC  |
| Drop-Out voltage   |            | 0,75 |     |     | VDC  |

| Contact data 90            | Conditions                                                        | Min | Typ | Max | Unit |
|----------------------------|-------------------------------------------------------------------|-----|-----|-----|------|
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |     |     | 10  | W    |
| Switching voltage          | DC or Peak AC/ with 40% overdrive                                 |     |     | 175 | V    |
| Switching current          | DC or Peak AC/with 40% overdrive                                  |     |     | 250 | mA   |
| Carry current              | DC or Peak AC/ with 40% overdrive                                 |     |     | 1   | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |     |     | 150 | mOhm |
| Insulation resistance      | RH <45 %, 100 V test voltage                                      | 1   |     |     | TOhm |
| Breakdown voltage          | according to EN 60255-5                                           | 200 |     |     | VDC  |
| Operate time, incl. bounce | measured with 40% overdrive                                       |     |     | 0,7 | ms   |
| Release time               | measured with no coil excitation                                  |     |     | 1,5 | ms   |
| Capacity                   | @ 10 kHz across open switch                                       |     | 1   |     | pF   |

| Special Product Data               | Conditions                    | Min | Typ                        | Max | Unit  |
|------------------------------------|-------------------------------|-----|----------------------------|-----|-------|
| Number of contacts                 |                               |     | 2                          |     |       |
| Contact - form                     |                               |     | Form C - Changeover        |     |       |
| Dielectric Strength Coil/Contact   | according to EN 60255-5       | 1,5 |                            |     | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 1   |                            |     | TOhm  |
| Case colour                        |                               |     | blue                       |     |       |
| Housing material                   |                               |     | PBT glass fibre reinforced |     |       |
| Sealing compound                   |                               |     | Polyurethan                |     |       |
| Connection pins                    |                               |     | Copper alloy tin plated    |     |       |
| Reach / RoHS conformity            |                               |     | yes                        |     |       |



*Products for tomorrow...*

Europe: +49 / 7731 8399 0

| Email: info@meder.com

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

Asia: +852 / 2955 1682

| Email: salesasia@meder.com

Item No.:

**1305290063**

Item:

**DIL05-2C90-63L**

| Environmental data    | Conditions                  | Min          | Typ | Max | Unit |
|-----------------------|-----------------------------|--------------|-----|-----|------|
| Shock                 | 1/2 sine wave duration 11ms |              |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz           |              |     | 20  | g    |
| Operating temperature |                             | -20          |     | 70  | °C   |
| Storage temperature   |                             | -25          |     | 85  | °C   |
| Soldering temperature | wave soldering max. 5 sec.  |              |     | 260 | °C   |
| Washability           |                             | fully sealed |     |     |      |

| General data | Conditions | Min                    | Typ | Max | Unit |
|--------------|------------|------------------------|-----|-----|------|
| Packaging    |            | plastik tube a 25 pcs. |     |     |      |

Modifications in the sense of technical progress are reserved

Designed at: 11.02.09 Designed by: MPOTUZAK

Approval at: 12.02.09 Approval by: DSTASTNY

Last Change at: 20.12.12 Last Change by: SSCHNECKENBURGER

Approval at: 20.12.12 Approval by: SSCHNECKENBURGER Version: 08

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Standex Electronics:](#)

[DIL05-2C90-63L](#)