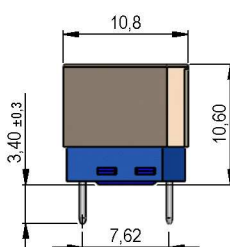
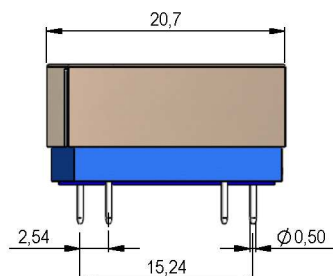


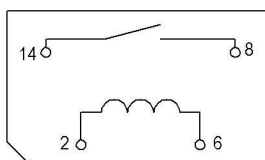
### Dimensions mm[inch]

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



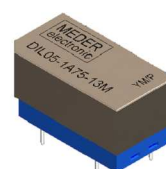
### Layout

Top view  
Draufsicht



### Isometric

Scale 1:1  
Maßstab 1:1



### Marking

according to EN60062/factory code  
gem. EN60062/Fertigungsstätte



| Coil Data at 20 °C | Conditions | Min  | Typ | Max | Unit |
|--------------------|------------|------|-----|-----|------|
| Coil resistance    |            | 405  | 450 | 495 | Ohm  |
| Coil voltage       |            |      | 5   |     | VDC  |
| Rated power        |            |      | 55  |     | mW   |
| Pull-In voltage    |            |      |     | 3,5 | VDC  |
| Drop-Out voltage   |            | 0,75 |     |     | VDC  |

| Contact data 75            | Conditions                                                        | Min | Typ | Max | Unit |
|----------------------------|-------------------------------------------------------------------|-----|-----|-----|------|
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |     |     | 10  | W    |
| Switching voltage (<31 AT) | DC or Peak AC                                                     |     |     | 500 | V    |
| Switching current          | DC or Peak AC                                                     |     |     | 0,5 | A    |
| Carry current              | DC or Peak AC                                                     |     |     | 1   | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |     |     | 200 | mOhm |
| Insulation resistance      | RH <45 %, 100 V test voltage                                      | 10  |     |     | GOhm |
| Breakdown voltage (<20 AT) | according to EN 60255-5                                           | 600 |     |     | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |     |     | 0,5 | ms   |
| Release time               | measured with no coil excitation                                  |     |     | 0,1 | ms   |
| Capacity                   | @ 10 kHz across open switch                                       |     | 0,4 |     | pF   |

| Special Product Data               | Conditions                         | Min  | Typ                        | Max | Unit  |
|------------------------------------|------------------------------------|------|----------------------------|-----|-------|
| Number of contacts                 |                                    |      | 1                          |     |       |
| Contact - form                     |                                    |      | A - NO                     |     |       |
| Dielectric Strength Coil/Contact   | according to EN 60255-5            | 4,25 |                            |     | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC measuring voltage | 10   |                            |     | GOhm  |
| Case colour                        |                                    |      | blue                       |     |       |
| Housing material                   |                                    |      | PBT glass fibre reinforced |     |       |
| Sealing compound                   |                                    |      | Polyurethan                |     |       |
| Connection pins                    |                                    |      | Copper alloy tin plated    |     |       |
| Magnetic Shield                    |                                    |      | yes                        |     |       |
| Reach / RoHS conformity            |                                    |      | yes                        |     |       |



*Products for tomorrow...*

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Item No.:

**1305175213**

Item:

**DIL05-1A75-13M**

| Environmental data    | Conditions                         | Min          | Typ | Max | Unit |
|-----------------------|------------------------------------|--------------|-----|-----|------|
| Shock                 | 1/2 sine, duration 11ms, in 3 axis |              |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz                  |              |     | 20  | g    |
| Operating temperature |                                    | -20          |     | 70  | °C   |
| Storage temperature   |                                    | -35          |     | 95  | °C   |
| Soldering temperature | wave soldering max. 5 sec.         |              |     | 260 | °C   |
| Washability           |                                    | fully sealed |     |     |      |

| General data | Conditions | Min                    | Typ | Max | Unit |
|--------------|------------|------------------------|-----|-----|------|
| Packaging    |            | plastic tube a 24 pcs. |     |     |      |

Modifications in the sense of technical progress are reserved

Designed at: 30.06.06    Designed by: WKOVACS

Approval at:

Approval by: RUDI RIPPL

Last Change at: 08.10.12    Last Change by: NMIHAI

Approval at: 20.11.12

Approval by: SSCHNECKENBURGER

Version: 04