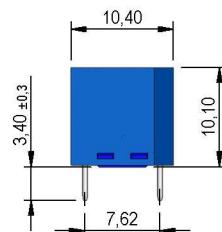
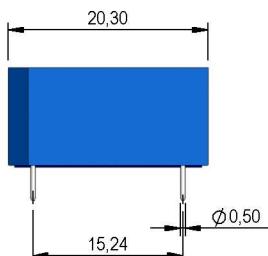


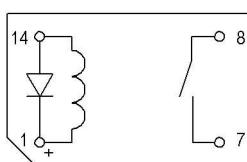
**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



**Isometric**  
 Scale 1:1  
 Maßstab 1:1



**Layout**  
 Top view  
 Draufsicht



**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte

MEDER  
electronic

YMP

DIL05-1A66-15D

| 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 66            | Conditions  | Min | Typ | Max  | Unit |
|----------------------------|---|-----|-----|------|------|
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |     |     | 10   | W    |
| Switching voltage (<21 AT) | DC or Peak AC   |     |     | 180  | V    |
| Switching current          | DC or Peak AC   |     |     | 0,5  | A    |
| Carry current              | DC or Peak AC   |     |     | 1,25 | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |     |     | 150  | mOhm |
| Insulation resistance      | RH <45 %, 100 VDC test voltage                                    | 10  |     |      | GOhm |
| Breakdown voltage (<21 AT) | according to EN 60255-5   | 200 |     |      | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |     |     | 0,5  | ms   |
| Release time               | measured with no coil excitation                                  |     |     | 0,1  | ms   |
| Capacitance                | @ 10 kHz across open switch                                       |     | 0,2 |      | 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    |     |       |
| Reach / RoHS conformity            |                                    |      | yes                        |     |       |



Products for  
tomorrow...

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Item No.:

**1305166115**

Item:

**DIL05-1A66-15D**

| 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 25 pcs. |      |

Modifications in the sense of technical progress are reserved

Designed at: 20.06.08 Designed by: MPOTUZAK  
Last Change at: 09.11.12 Last Change by: WKOVACS

Approval at: 23.06.08 Approval by: DSTASTNY  
Approval at: 09.11.12 Approval by: SSCHNECKENBURGER Version: 03