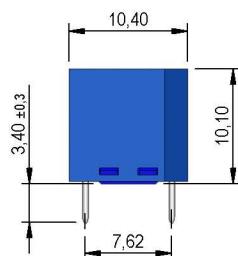
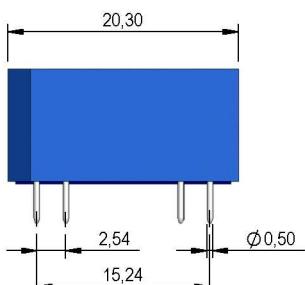
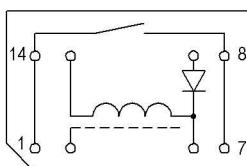


Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m



Layout
 Top view
 Draufsicht



Isometric

Scale 1:2
 Maßstab 1:2



Marking

according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

MEDER
 electronic

YMP

DIL05-1A66-10C

| 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 (>20 AT) | DC or Peak AC | | | 200 | 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 | | | 100 | mOhm |
| Insulation resistance | RH <45 %, 100 VDC test voltage | 10 | | | GOhm |
| Breakdown voltage (<21 AT) | according to EN 60255-5 | 250 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 0,7 | ms |
| Release time | measured with no coil excitation | | | 0,05 | ms |
| Capacitance | @ 10 kHz across open switch | | | 0,3 | 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 | 1,5 | | | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 10 | | | GOhm |
| Case colour | | | blue | | |
| Housing material | | | PBT glass fibre reinforced | | |
| Sealing compound | | | Polyurethan | | |
| Connection pins | | | Copper alloy tin plated | | |



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.:
1305171410
Item:
DIL05-1A66-10C
DIL05-1A71-10C

| 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 | | | | plastic tube a 25 pcs. | |

Modifications in the sense of technical progress are reserved

Designed at: 16.02.09 Designed by: MPOTUZAK
Last Change at: 14.11.12 Last Change by: WKOVACS

Approval at: 16.02.09 Approval by: DSTASTNY
Approval at: 20.11.12 Approval by: SSCHNECKENBURGER Version: 06