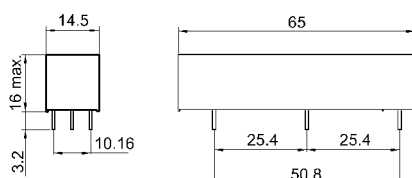
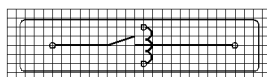


DIMENSIONS (mm)

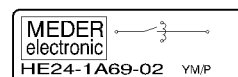


LAYOUT

pitch 2.54 mm/Top view



MARKING



PINS

Pins: Ø0.8 mm
 L = 3.2±0.3 mm
 Material: Cu-alloy tinned

MARKING

MEDER-Label
 Type/Layout
 Production code,
 EN60062/Factory code



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|--|-----|-------|-----|------|
| Coil resistance | | 419 | 465 | 512 | Ohm |
| Coil voltage | | | 24 | | VDC |
| Rated power | | | 1.240 | | mW |
| Thermal resistance | max. Relay temperature = operating temperature + self heating | | 26 | | K/W |
| Pull-In voltage | | | | 18 | VDC |
| Drop-Out voltage | | 2 | | | VDC |

| Contact data 69 | Conditions | Min | Typ | Max | Unit |
|---------------------------|--|-----|-----|--------|-------|
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 50 | W |
| Switching voltage | DC or Peak AC | | | 10.000 | V |
| Switching current | DC or Peak AC | | | 3 | A |
| Carry current | DC or Peak AC | | | 5 | A |
| Contact resistance static | Measured with 40% overdrive Start Value | | | 150 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage | according to EN 60255-5 | 15 | | | kV DC |
| Operate time incl. bounce | measured with 40% overdrive | | | 3 | ms |
| Release time | measured with no coil excitation | | | 1,5 | ms |
| Capacitance | @ 10 kHz across open switch | | 0,8 | | 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 | 10 | | | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 1 | | | TOhm |
| Case colour | | | gray | | |
| Housing material | | | Polycarbonat | | |
| Sealing compound | | | Polyurethan | | |
| Connection pins | | | Copper alloy tin plated | | |
| Magnetic Shield | | | no | | |
| 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.:

8524169002

Item:

HE24-1A69-02

| 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 | | -35 | | 105 | °C |
| Soldering temperature | wave soldering max. 5 sec. | | | 260 | °C |
| Washability | | fully sealed | | | |

| General data | Conditions | Min | Typ | Max | Unit |
|--------------|------------|-----------------------------|-----|-----|------|
| Total weight | | | 30 | | g |
| Packaging | | cardboard box, 10 pcs./each | | | |

Modifications in the sense of technical progress are reserved

Designed at: 27.11.07

Designed by:

Approval at:

03.03.08

Approval by:

RRIPPL

Last Change at: 28.06.11

Last Change by:

WKOVACS

Approval at:

29.06.11

Approval by:

CRUF

Version: 05

Mouser Electronics

Authorized Distributor

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