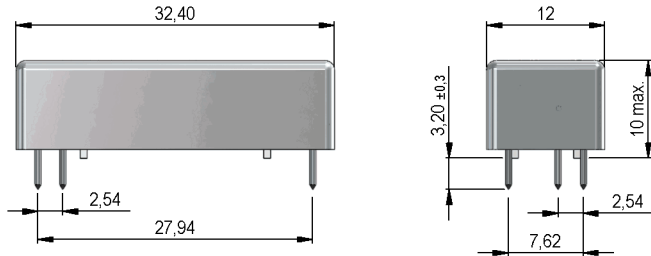
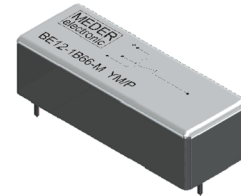


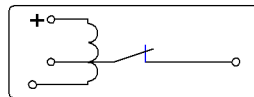
Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m



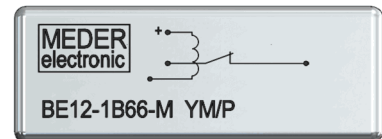
Isometric
 Scale 1:1
 Maßstab 1:1



Layout
 Top view
 Draufsicht



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



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-------|-------|------|
| Coil resistance | | 990 | 1.100 | 1.210 | Ohm |
| Coil voltage | | | 12 | | VDC |
| Rated power | | | 131 | | mW |
| Pull-In voltage | | | | 8,4 | VDC |
| Drop-Out voltage | | 0,9 | | | 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 | 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 | | | 0,3 | ms |
| Capacitance | @ 10 kHz across open switch | | 0,2 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|------------------------------------|------------------------------------|-----|-----|-------------------------|-------|
| Number of contacts | | | | 1 | |
| Contact - form | | | | B - NC | |
| Dielectric Strength Coil/Contact | according to EN 60255-5 | 2 | | | kV AC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC Measuring Voltage | 1 | | | TOhm |
| Case colour | | | | silver metallic | |
| Housing material | | | | Metal | |
| Sealing compound | | | | Polyurethan | |
| Connection pins | | | | Copper alloy tin plated | |
| Magnetic Shield | | | | yes | |
| Reach / RoHS conformity | | | | yes | |



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Item No.:

8812166600

Item:

BE12-1B66-M

| 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 |

Modifications in the sense of technical progress are reserved

Designed at: 22.12.14 Designed by: WKOVACS

Approval at: 23.12.14 Approval by: DSTASTNY

Last Change at: 22.01.15 Last Change by: WKOVACS

Approval at: 27.01.15 Approval by: DSTASTNY

Version: 02