



*Products for tomorrow*

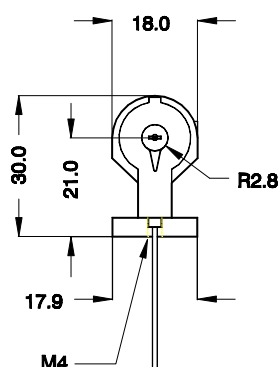
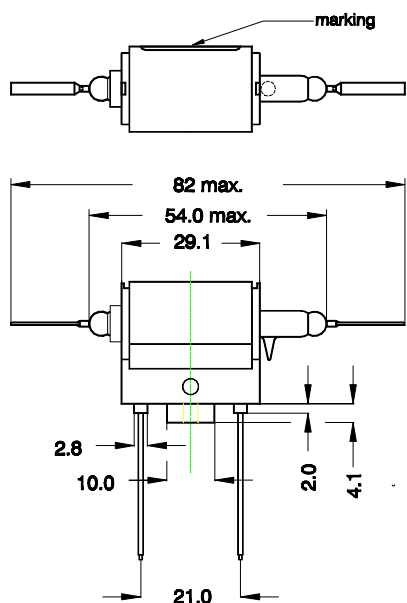
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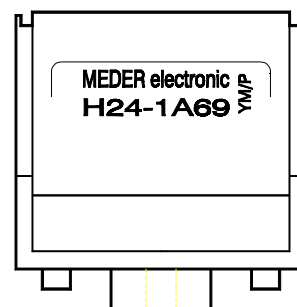
Reed Relay: H24 – 1A69

Part Number: 1924169114

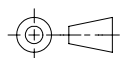
### Dimensions (mm)



### Marking



MEDER-Label  
Type  
Production-  
Code-  
EN60062  
/Factory Code



| Coil/Relay Characteristics | Conditions at 20°C | Min. | Typ. | Max. | Units |
|----------------------------|--------------------|------|------|------|-------|
| Coil Resistance            |                    | 630  | 700  | 770  | Ω     |
| Nominal Voltage            |                    |      | 24,0 |      | VDC   |
| Nominal Rated Power        |                    |      | 822  |      | mW    |
| Operate Voltage            |                    |      |      | 16,8 | VDC   |
| Release Voltage            |                    | 3,6  |      |      | VDC   |

| Contact Data 69 (Form A/Dry)        |                                                                                            |                  |     |       |     |
|-------------------------------------|--------------------------------------------------------------------------------------------|------------------|-----|-------|-----|
| Contact Rating                      | Any combination of the switching voltage and current must not exceed the given rated power |                  |     | 50    | W   |
| Switching Voltage                   | DC or Peak AC                                                                              |                  |     | 10000 | V   |
| Switching Current                   | DC or Peak AC                                                                              |                  |     | 3,0   | A   |
| Carry Current                       | DC or Peak AC                                                                              |                  |     | 5,0   | A   |
| Static Contact Resistance (initial) | Measured with Nominal Voltage                                                              |                  |     | 150   | mΩ  |
| Insulation Resistance               | RH 45%                                                                                     | 10 <sup>10</sup> |     |       | Ω   |
| Breakdown Voltage                   |                                                                                            | 15000            |     |       | VDC |
| Operate Time, including Bounce      | Measured with Nominal Voltage                                                              |                  |     | 3,0   | ms  |
| Release Time                        | Measured with no coil suppression                                                          |                  |     | 1,5   | ms  |
| Capacitance                         |                                                                                            |                  | 0,8 |       | pF  |

| Environmental Data                    |                                                                                         |                  |  |    |       |
|---------------------------------------|-----------------------------------------------------------------------------------------|------------------|--|----|-------|
| Insulation Resistance Coil to Contact | RH 45%                                                                                  | 10 <sup>12</sup> |  |    | Ω     |
| Dielectric Strength Coil to Contact   |                                                                                         | 15               |  |    | kV DC |
| Shock                                 | ½ sine wave, duration 11ms                                                              |                  |  | 50 | g     |
| Vibration                             | from 10 - 2000 Hz                                                                       |                  |  | 20 | g     |
| Operating Temperature                 | 10°C/min max. allowable                                                                 | -20              |  | 70 | °C    |
| Storage Temperature                   | 10°C/min max. allowable                                                                 | -25              |  | 85 | °C    |
| Material of Case                      | Glass fibre reinforced PBT self-extinguishing, self-extinguishing V-0 according to UL94 |                  |  |    |       |
| Remarks                               |                                                                                         |                  |  |    |       |