

**RIM 2 6/24VDC GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Similar to illustration

Relay modules with forcibly guided contacts

Relays with forcibly guided contacts have a 99 % diagnostics coverage and an excellent reputation for use in safety systems. The contacts interlock mechanically with each other in order to ensure a synchronous switching status of both contacts. This guarantees that the alert contact will maintain the same switching status in the event of an error (for example, if the working contact welds from an overload). The controller (or safety controller) detects the alert contact and then compares the set values and actual values. If a difference occurs, measures can then be taken to protect equipment and human life.

- 2 CO contacts with 6 A, forcibly guided according to EN 61810-3 type B
- Proven component in safety technology
- Diagnosis coverage of 99 %

**General ordering data**

|            |                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------|
| Version    | RIDERSERIES FG, LED module with freewheel diode, Rated control voltage: 6...24 V DC, Plug-in connection |
| Order No.  | <a href="#">8713720000</a>                                                                              |
| Type       | RIM 2 6/24VDC GN                                                                                        |
| GTIN (EAN) | 4032248389872                                                                                           |
| Qty.       | 10 pc(s).                                                                                               |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 34.5 mm | Depth (inches)  | 1.358 inch |
| Height     | 9 mm    | Height (inches) | 0.354 inch |
| Width      | 12.5 mm | Width (inches)  | 0.492 inch |
| Net weight | 3.14 g  |                 |            |

**Temperatures**

|                     |                                                |                       |                |
|---------------------|------------------------------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C                                 | Operating temperature | -40 °C...70 °C |
| Humidity            | 40 °C / 93 % rel. humidity,<br>no condensation |                       |                |

**Rated data UL**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E223759 |
|-------------------------|---------|

**Control side**

|                       |                     |                  |           |
|-----------------------|---------------------|------------------|-----------|
| Rated control voltage | 6...24 V DC         | Status indicator | Green LED |
| Protective circuit    | Free-wheeling diode |                  |           |

**General data**

|        |       |
|--------|-------|
| Colour | black |
|--------|-------|

**Further details of approvals / standards**

|           |       |                         |         |
|-----------|-------|-------------------------|---------|
| Standards | UL508 | Certificate No. (cURus) | E223759 |
|-----------|-------|-------------------------|---------|

**Connection data**

|                        |                    |
|------------------------|--------------------|
| Wire connection method | Plug-in connection |
|------------------------|--------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002586    | ETIM 7.0    | EC002586    |
| ETIM 8.0    | EC002586    | ETIM 9.0    | EC002586    |
| ETIM 10.0   | EC002586    | ECLASS 9.1  | 27-37-10-10 |
| ECLASS 10.0 | 27-37-10-10 | ECLASS 11.0 | 27-37-16-92 |
| ECLASS 12.0 | 27-37-16-92 | ECLASS 13.0 | 27-37-16-92 |
| ECLASS 14.0 | 27-37-16-92 | ECLASS 15.0 | 27-37-16-92 |

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 2f8197d4-bb8c-4bf4-a0f8-f906b0694c85 |

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## Technical data

## Approvals

Approvals



|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                     |
| UL File Number Search   | UL Website                                                                                                                                                                  |
| Certificate No. (cURus) | E223759                                                                                                                                                                     |

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |

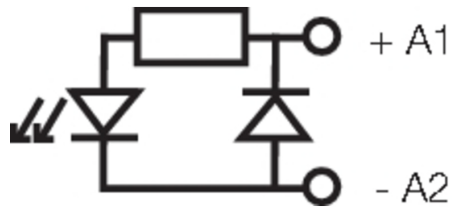
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## Drawings

## Wiring diagram



## Dimensional drawing

