

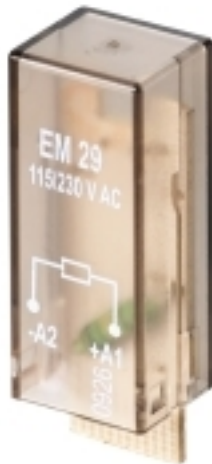
**RIM-I 1 R 110/230V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Pluggable protective modules for the RIDERSERIES RCI / RCM relay sockets, with optional protective functions.

- Optional with free-wheeling diode, protective varistor, load resistor or RC filter

**General ordering data**

|                 |                                                                               |
|-----------------|-------------------------------------------------------------------------------|
| Version         | RIDERSERIES, Load, Rated control voltage: 110... 230 V UC, Plug-in connection |
| Order No.       | <a href="#">8870830000</a>                                                    |
| Type            | RIM-I 1 R 110/230V                                                            |
| GTIN (EAN)      | 4032248631674                                                                 |
| Qty.            | 10 pc(s).                                                                     |
| Delivery status | <b>This article will no longer be available in the future.</b>                |
| Available until | 2026-06-30                                                                    |

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 32.1 mm | Depth (inches)  | 1.264 inch |
| Height     | 10.5 mm | Height (inches) | 0.413 inch |
| Width      | 11.4 mm | Width (inches)  | 0.449 inch |
| Net weight | 1.8 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 | 110...230 V UC | Status indicator | No |
|-----------------------|----------------|------------------|----|

**General data**

|        |             |
|--------|-------------|
| Colour | Transparent |
|--------|-------------|

**Further details of approvals / standards**

|                         |         |
|-------------------------|---------|
| 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) | 7cl                      |
| REACH SVHC                           | No SVHC above 0.1 wt%    |

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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. (cULus) | E223759                                                                                                                                                                     |

### Downloads

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

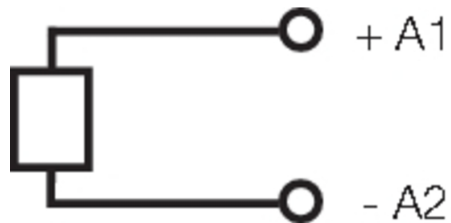
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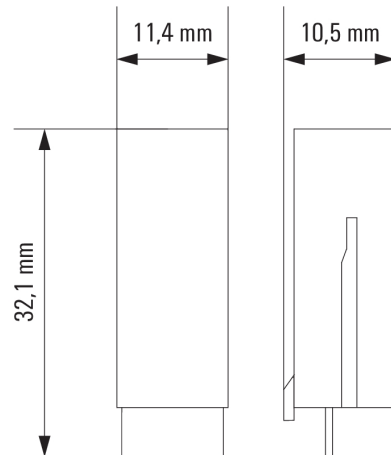
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# Drawings

## Wiring diagram



## Dimensional drawing



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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Miscellaneous**

| Order No.  | Type                  | Type code printed on part |
|------------|-----------------------|---------------------------|
| 8869770000 | RIM-I 3 6/60VAC       | EM 02                     |
| 8869790000 | RIM-I 3 110/230VAC    | EM 03                     |
| 8869710000 | RIM-I 4 24 UC VAR     | EM 04                     |
| 8869750000 | RIM-I 4 230 VUC CAR   | EM 05                     |
| 8869650000 | RIM-I 3 110/230VUC    | EM 06                     |
| 8869630000 | RIM-I 3 6/24VUC       | EM 07                     |
| 8869580000 | RIM-I 1 6/230V        | EM 09                     |
| 8869660000 | RIM-I 3 110/230VUC GN | EM 10                     |
| 8869640000 | RIM-I 3 6/24VUC GN    | EM 11                     |
| 8869600000 | RIM-I 2 6/24VDC GN    | EM 12                     |
| 8869730000 | RIM-I 4 110 VUC VAR   | EM 13                     |
| 8869610000 | RIM-I 3 24/60VUC      | EM 14                     |
| 8869670000 | RIM-I 2 24/60VDC      | EM 16                     |
| 8869590000 | RIM-I 2 6/24VDC       | EM 18                     |
| 8869680000 | RIM-I 2 24/60VDC GN   | EM 25                     |
| 8869690000 | RIM-I 2 110/230VDC    | EM 27                     |
| 8869700000 | RIM-I 2 110/230VDC GN | EM 28                     |
| 8870830000 | RIM-I R 110/230V      | EM 29                     |
| 8869620000 | RIM-I 3 24/60VUC GN   | EM 30                     |
| 1172210000 | RIM-I 3 230VAC RC     | EM 31                     |