

## RIM 2 6/24VDC GN

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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
Operating temperature, min.	-40 °C	Operating temperature, max.	70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

**Rated data UL**

Certificate No. (cURus)	E223759
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**Control side**

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

**General data**

Colour	black
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**Further details of approvals / standards**

Standards	UL508	Certificate No. (cURus)	E223759
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**Connection data**

Wire connection method	Plug-in connection
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**Classifications**

ETIM 6.0	EC002586	ETIM 7.0	EC002586
ETIM 8.0	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		

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223759

**Data sheet****RIM 2 6/24VDC GN**

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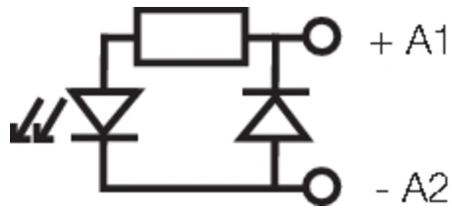
**Technical data****Downloads**

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

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**Drawings****Wiring diagram****Dimensional drawing**