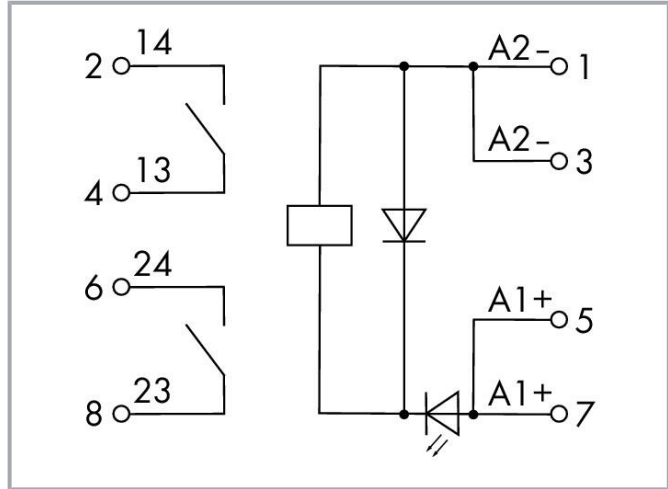


**Data sheet | Item number: 2042-3014**

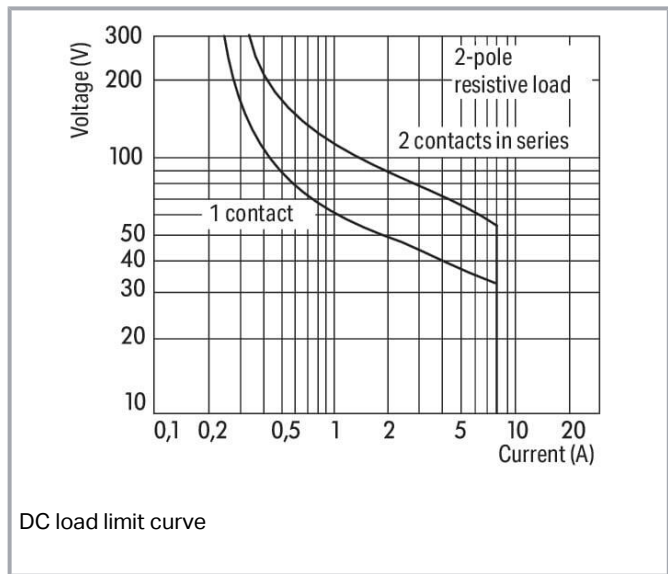
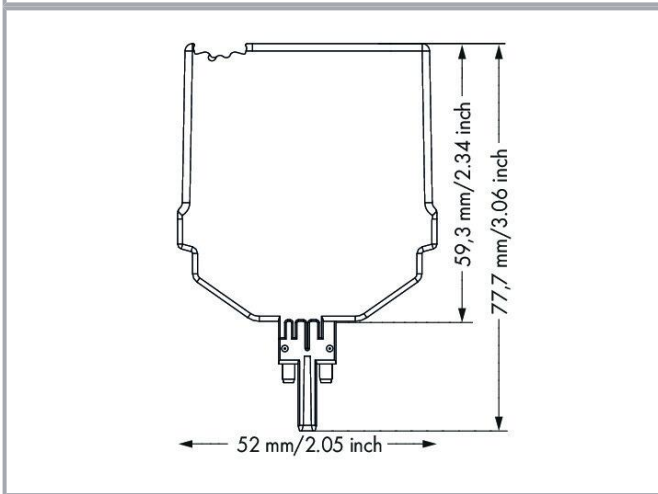
Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 8 A; Railway; Green status indicator; Module width: 20 mm



[www.wago.com/2042-3014](http://www.wago.com/2042-3014)



Similar to picture



DC load limit curve

Subject to changes. Please also observe the further product documentation!

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## Data

### Technical data

#### Control Circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at $U_N$	14 mA

#### Load circuit

Number of make/switch-on contacts	2
Contact material (relay)	AgNi
Limiting continuous current	8 A
Inrush current (resistive) max.	(AC) 15 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 <sup>3</sup> switching operations
Mechanical life	10 x 10 <sup>6</sup> switching operations

#### Signaling

Status indicator	Green LED
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#### Safety and protection

Rated voltage	250 V
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (channel/channel) (AC, 1 min)	1.5 kVrms
Protection type	IP20

Subject to changes. Please also observe the further product documentation!



## Physical data

Width	20.7 mm / 0.815 inches
Height	77.7 mm / 3.059 inches
Height from the surface	59.3 mm / 2.335 inches
Depth	52 mm / 2.047 inches

## Mechanical data

Mounting type	Pluggable module for TOPJOB® S carrier terminal block
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## Material Data

Flammability class per UL94	V0
Fire load	0.214 MJ
Weight	36.9 g

## Environmental requirements

Ambient temperature (operation at $U_N$ )	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Processing temperature	-25 ... +50 °C
Operating altitude (max.)	2000 m

## Standards and specifications

Standards/specifications	EN 61010-2-201 EN 61373 EN 50121-3-2
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## Commercial data

eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 8.0	EC002018
ETIM 7.0	EC002018
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143651677

Subject to changes. Please also observe the further product documentation!

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Customs tariff number	85364900990
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## Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7 80-05-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	7d5d7d64-9035-46d0-b7f5-92718351fc05
SCIP notification number (Belgium)	b927125d-9447-42ed-b27d-53f55c3a93ee
SCIP notification number (Bulgaria)	60f41358-f4ff-4699-a4d9-3ff86c15945f
SCIP notification number (Czech Republic)	783093d1-be6f-43f6-8926-0d9033e2bdfd
SCIP notification number (Denmark)	b95b8cd2-bf81-4e61-bde4-b3eed1d35af7
SCIP notification number (Finland)	8800b47b-ce16-4e87-991d-4b9dd55d47b9
SCIP notification number (France)	214871a6-02d4-4eed-800f-46a8e8fdbfc0
SCIP notification number (Germany)	6f911e24-1d8c-4dbc-a8b5-c662575365c7
SCIP notification number (Hungary)	355b2755-f814-4a28-966a-b912a4485fcb
SCIP notification number (Italy)	0a5caf2a-c526-4df4-be43-b855efc3a55e
SCIP notification number (Netherlands)	29ca0aed-9bf0-4e4e-8633-ccad27610309
SCIP notification number (Poland)	56c5d177-c707-4d59-b7c1-6265025be410
SCIP notification number (Romania)	6aba11e8-72f5-49c0-b62f-6741de23afd0
SCIP notification number (Sweden)	b9f1251f-ab62-443b-8703-c773ef662ad3

## Approvals / Certificates

### General approvals


Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	UL	UL 61010-1	E175199

Subject to changes. Please also observe the further product documentation!











Underwriters Laboratories Inc. (ORDINARY LOCATIONS)

Declarations of conformity and manufacturer's declarations


Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

End plate

End plate		
	<b>Item no.: 2002-1892</b> End and intermediate plate; 1 mm thick; orange	<a href="http://www.wago.com/2002-1892">www.wago.com/2002-1892</a>
	<b>Item no.: 2002-1891</b> End and intermediate plate; 1 mm thick; gray	<a href="http://www.wago.com/2002-1891">www.wago.com/2002-1891</a>
	<b>Item no.: 2002-1991</b> End and intermediate plate; 1 mm thick; gray	<a href="http://www.wago.com/2002-1991">www.wago.com/2002-1991</a>
	<b>Item no.: 2002-1992</b> End and intermediate plate; 1 mm thick; orange	<a href="http://www.wago.com/2002-1992">www.wago.com/2002-1992</a>
	<b>Item no.: 2002-1691</b> End and intermediate plate; 1 mm thick; gray	<a href="http://www.wago.com/2002-1691">www.wago.com/2002-1691</a>
	<b>Item no.: 2002-1692</b> End and intermediate plate; 1 mm thick; orange	<a href="http://www.wago.com/2002-1692">www.wago.com/2002-1692</a>
	<b>Item no.: 2002-1791</b> End and intermediate plate; 1 mm thick; gray	<a href="http://www.wago.com/2002-1791">www.wago.com/2002-1791</a>
	<b>Item no.: 2002-1792</b> End and intermediate plate; 1 mm thick; orange	<a href="http://www.wago.com/2002-1792">www.wago.com/2002-1792</a>

Marking accessories

Marking strip		
	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
Marker		

Subject to changes. Please also observe the further product documentation!



**Item no.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)



**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)



**Item no.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/793-5501](http://www.wago.com/793-5501)

### Terminal blocks

Carrier terminal block for modules and plugs



**Item no.: 2002-1961**

2-conductor carrier terminal block; with additional jumper position; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-1961](http://www.wago.com/2002-1961)



**Item no.: 2002-1761**

3-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-1761](http://www.wago.com/2002-1761)



**Item no.: 2002-1861**

4-conductor carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-1861](http://www.wago.com/2002-1861)

### Downloads

#### Documentation

##### Bid Text

2042-3014 docx - Datei	2019 Feb 20	docx 17.0 kB	Download
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2042-3014 X81 - Datei	2019 Feb 19	xml 3.9 kB	Download
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##### Instruction Leaflet

Pluggable Relay Module / Pluggable Solid-State Relay Module	V 1.1.0	pdf 2.0 MB	Download
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##### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 2042-3014	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

ZUKEN Portal 2042-3014	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2042-3014	<a href="#">URL</a>	<a href="#">Download</a>
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Relay module; Nominal input voltage: 24 VDC; 2 make contact; Limiting continuous current: 8 A; Railway; Green status indicator; Module width: 20 mm

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## Installation Notes

Subject to changes. Please also observe the further product documentation!