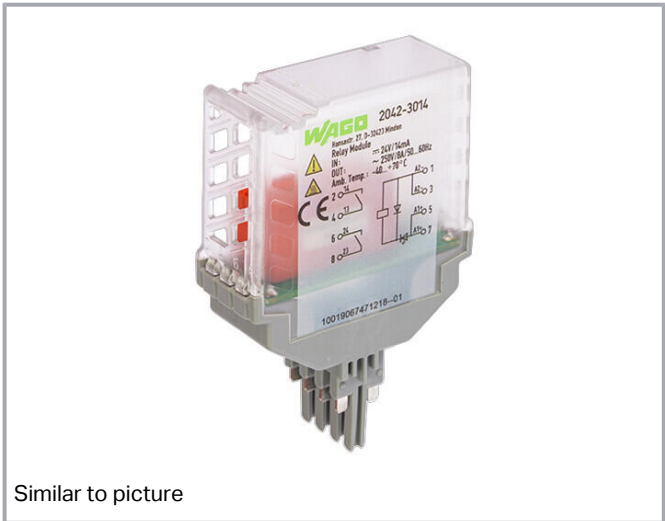


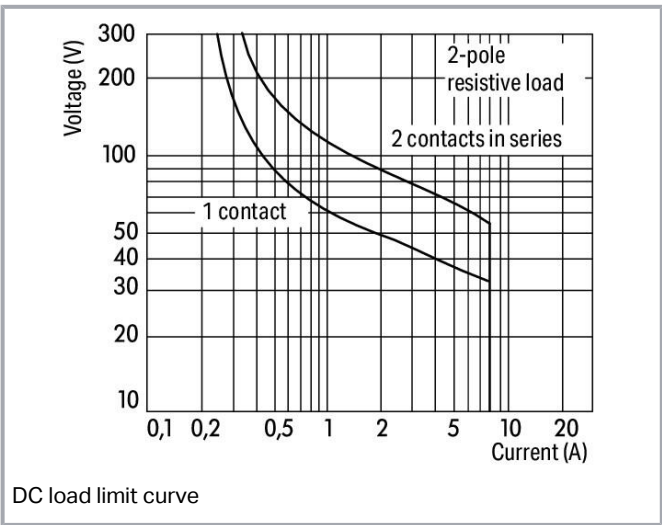
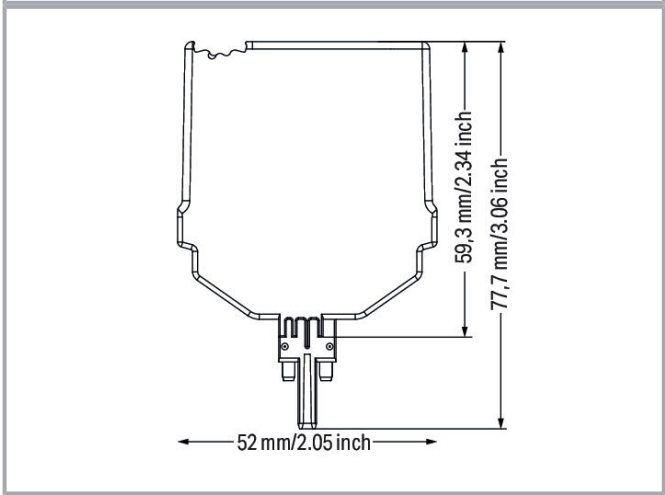
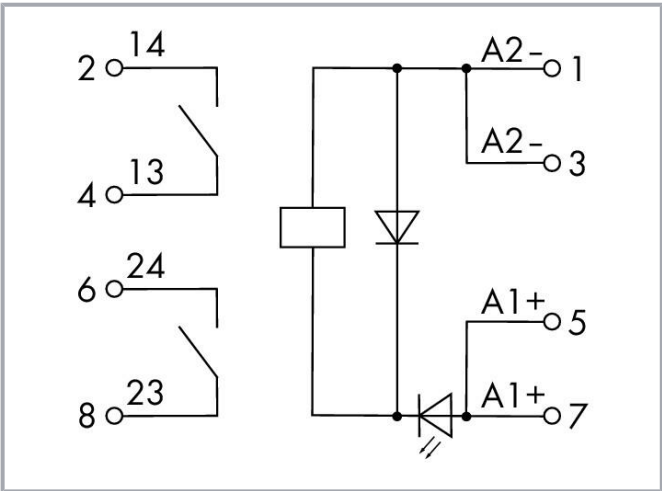
Data sheet | Item number: 2042-3014

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



Similar to picture



DC load limit curve

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-30 ... +25 %

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

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Nominal input current at U_N	14 mA
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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 ³ switching operations
Mechanical life	10 x 10 ⁶ 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

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



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
Customs tariff number	85364900990

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1 79-94-7 80-05-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide

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

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 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-43f6-8926-0d9033e2bfdf
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 Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199

Declarations of conformity and manufacturer's declarations

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

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Optional accessories

Marking accessories

Marking strip



Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110

Marker



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



Item no.: 793-501

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

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

End plate

End plate



Item no.: 2002-1892

End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1892



Item no.: 2002-1891

End and intermediate plate; 1 mm thick; gray

www.wago.com/2002-1891



Item no.: 2002-1991

End and intermediate plate; 1 mm thick; gray

www.wago.com/2002-1991



Item no.: 2002-1992

End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1992



Item no.: 2002-1691

End and intermediate plate; 1 mm thick; gray

www.wago.com/2002-1691



Item no.: 2002-1692

End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1692



Item no.: 2002-1791

End and intermediate plate; 1 mm thick; gray

www.wago.com/2002-1791



Item no.: 2002-1792

End and intermediate plate; 1 mm thick; orange

www.wago.com/2002-1792

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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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray 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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray 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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray www.wago.com/2002-1861

Downloads

Documentation

Bid Text

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

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	URL	Download
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CAE data

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ZUKEN Portal 2042-3014	URL	Download
Asset Administration Shell		
Asset Administration Shell 2042-3014	URL	Download

Environmental Product Compliance

Compliance Search

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

Installation Notes

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