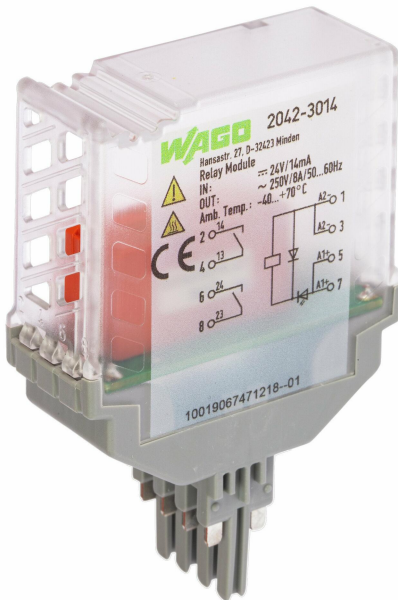


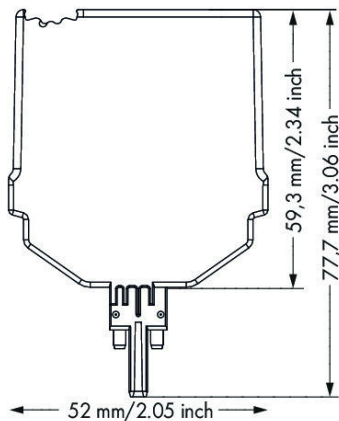
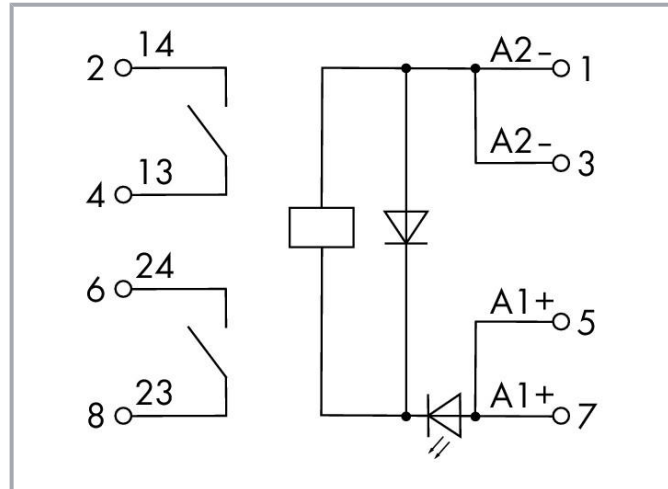
Data sheet | Item number: 2042-3014

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

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Similar to picture



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DC load limit curve

Data
Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at U_N	13.8 mA
Nennfrequenzbereich	(5030514)

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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
Nennfrequenzbereich	(5030623)

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 kV _{rms}
Protection type	IP20

Physical data

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

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	0.191 MJ
Weight	36.9 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 70 °C
Surrounding air 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

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143651677
Customs tariff number	85364900990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199

Optional accessories

Terminal blocks

Carrier terminal block for modules and plugs
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Item no.: 2002-1961

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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.: 2002-1661**

2-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/2002-1661

**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

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**

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

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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**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; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data**CAD data**

2D/3D Models 2042-3014	URL	Download
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CAE data

ZUKEN Portal 2042-3014	URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 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	URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

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

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