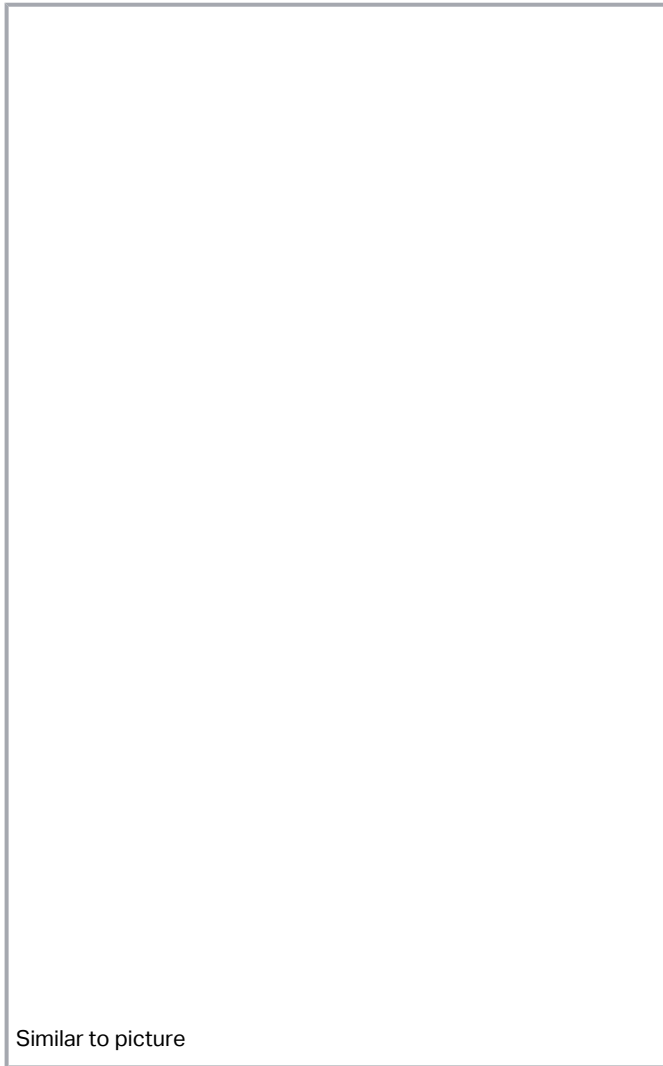


**Data sheet | Item number: 2042-3004**

Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 6 A; Railway; Green status indicator; Module width: 10 mm



[www.wago.com/2042-3004](http://www.wago.com/2042-3004)

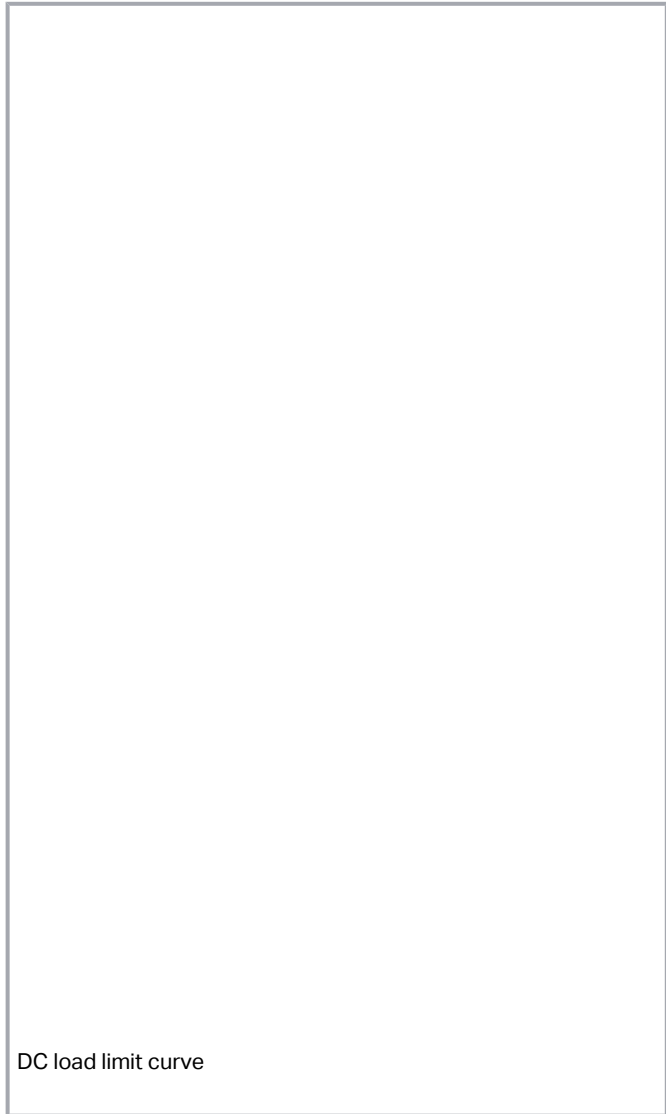


Similar to picture

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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 $U_N$	7 mA

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## Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO <sub>2</sub>
Limiting continuous current	6 A
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 1500 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	50 x 10 <sup>3</sup> switching operations
Mechanical life	5 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
Protection type	IP20

## Physical data

Width	10.3 mm / 0.406 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 <sup>®</sup> S carrier terminal block
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## Material Data

Flammability class per UL94	V0
Fire load	0.133 MJ

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Weight	20.2 g
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### Environmental requirements

Ambient temperature (operation at U <sub>N</sub> )	-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)	6 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143709477
Customs tariff number	85364900990

### Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	80323590-2682-43a6-833f-f5568053bcfd
SCIP notification number (Belgium)	316f9bb9-340b-4ab8-bc14-d9d53d7ed5b6
SCIP notification number (Bulgaria)	8af89d29-f785-48fc-9074-36ba4f7426fb
SCIP notification number (Czech Republic)	a2d78bdb-d153-41c8-af06-42af8bb256a3

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SCIP notification number (Denmark)	0cdac682-7181-4407-b49c-1aea21641ff9
SCIP notification number (Finland)	7d0837f1-2f73-41af-b62b-a58b82a12ad1
SCIP notification number (France)	baf5012e-5109-47b5-95c8-0ba2adec5ecf
SCIP notification number (Germany)	a26758ee-8034-426b-b706-bb7cba2ab29a
SCIP notification number (Hungary)	d2344f40-3c9e-472a-bab1-165e8bad6bc5
SCIP notification number (Italy)	13462c6f-488a-4034-8f6d-1b415194d808
SCIP notification number (Netherlands)	f2c871dd-9f49-45e9-9de5-d6fa3a1a7cfe
SCIP notification number (Poland)	74757500-ff63-422d-9593-62c6d029e5b5
SCIP notification number (Romania)	ce91d3d9-c989-4791-9834-2e3a00ec9a37
SCIP notification number (Sweden)	d75c75c0-8ca7-4ac7-89f8-2c7fbe5eb6e6

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	<b>UL</b> Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199

### Declarations of conformity and manufacturer's declarations

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

## Optional accessories

### Terminal blocks

Carrier terminal block for modules and plugs
<b>Item no.: 2002-1961</b> 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 <a href="http://www.wago.com/2002-1961">www.wago.com/2002-1961</a>
<b>Item no.: 2002-1761</b> 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 <a href="http://www.wago.com/2002-1761">www.wago.com/2002-1761</a>
<b>Item no.: 2002-1861</b> 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 <a href="http://www.wago.com/2002-1861">www.wago.com/2002-1861</a>

### End plate

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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		
<b>Item no.: 2009-115</b>	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
<b>Item no.: 793-501</b>	WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
<b>Item no.: 793-5501</b>	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>

#### Downloads

##### Documentation

##### Bid Text

2042-3004 docx - Datei	2019 年2月20 日	docx 16.9 kB	Download
2042-3004	2019 年2月19 日	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 年8月18 日	pdf 2.2 MB	Download
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#### CAD/CAE-Data

##### CAD data

2D/3D Models 2042-3004	URL	Download
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##### CAE data

ZUKEN Portal 2042-3004	URL	Download
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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 2042-3004 Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 6 A; Railway; Green status indicator; Module width: 10 mm	URL	Download
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#### Installation Notes

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