

## Data sheet | Item number: 2042-3084

Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts;  
Limiting continuous current: 5 A; Path; Green status indicator; Module width:  
25 mm



[www.wago.com/2042-3084](http://www.wago.com/2042-3084)

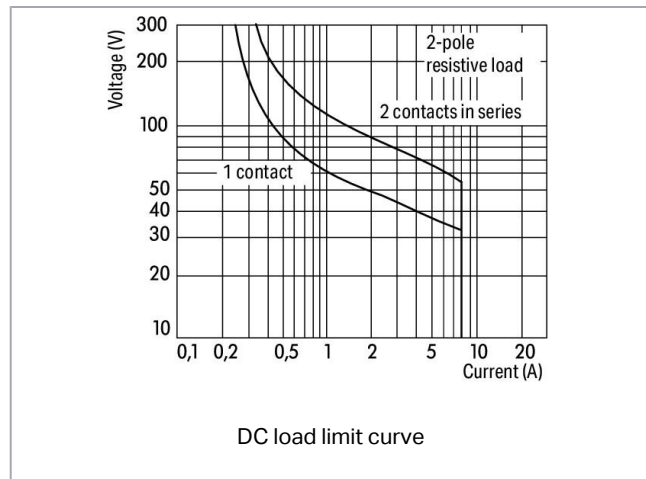
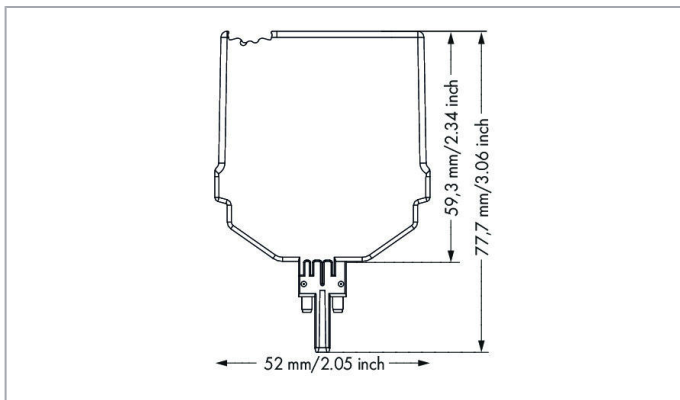
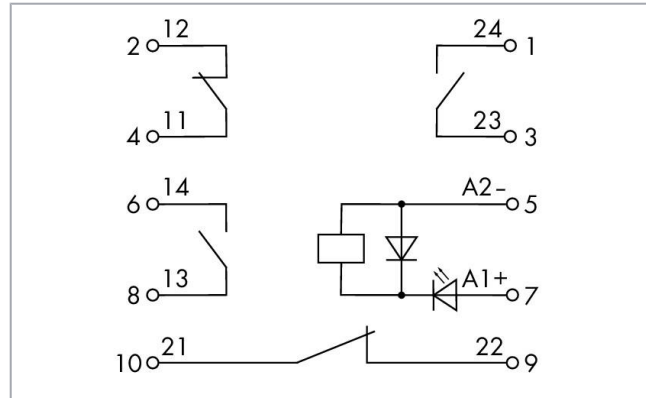


 Picture differs from the item.

Similar to picture

RoHS  Compliant





## Data

### Technical data

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

### Control circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at $U_N$	28.1 mA

### Load circuit

Number of break/switch-off contacts	2
Number of make/switch-on contacts	2
Contact material (relay)	AgNi
Limiting continuous current	5 A
Inrush current (resistive) (max.)	(AC) 15 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1250 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 kV <sub>rms</sub>
Dielectric strength, open contact (AC, 1 min)	1 kV <sub>rms</sub>
Dielectric strength, channel/channel (AC, 1 min.)	1.5 kV <sub>rms</sub>
Protection type	IP20

### Physical data

Width	25.9 mm / 1.02 inch
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Subject to changes. Please also observe the further product documentation!

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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### Material data

Flammability class per UL94	V0
Weight	71.4 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

Packaging type	BOX
Country of origin	DE
GTIN	4055143651745
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





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## Compatible products






### clamps

	<b>Item no.: 2002-1661</b> 2-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/2002-1661">www.wago.com/2002-1661</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>
	<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>














### End plate

	<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>
	<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.: 2002-1892</b> End and intermediate plate; 1 mm thick; orange	<a href="http://www.wago.com/2002-1892">www.wago.com/2002-1892</a>

### Marking accessories

	<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>
	<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.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>

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	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</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.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</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	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>

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type; white

**Item no.: 793-5501/000-002**

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

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)**Item no.: 793-5501/000-005**

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

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)**Item no.: 793-5501/000-006**

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

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)**Item no.: 793-5501/000-007**

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

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)**Item no.: 793-5501/000-012**

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

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)**Item no.: 793-5501/000-014**

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

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)**Item no.: 793-5501/000-017**

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

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)**Item no.: 793-5501/000-023**

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

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)**Item no.: 793-5501/000-024**

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

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

## Downloads

### Documentation

#### Bid Text

2042-3084 docx - Datei	20. 2. 2019	docx 17.2 kB	Download
2042-3084 X81 - Datei	19. 2. 2019	xml 4.0 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 2042-3084		URL	Download
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#### CAE data

ZUKEN Portal 2042-3084		URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 2042-3084 Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts; Limiting continuous current: 5 A; Path; Green status indicator; Module width: 25 mm		URL	Download
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### Installation Notes

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