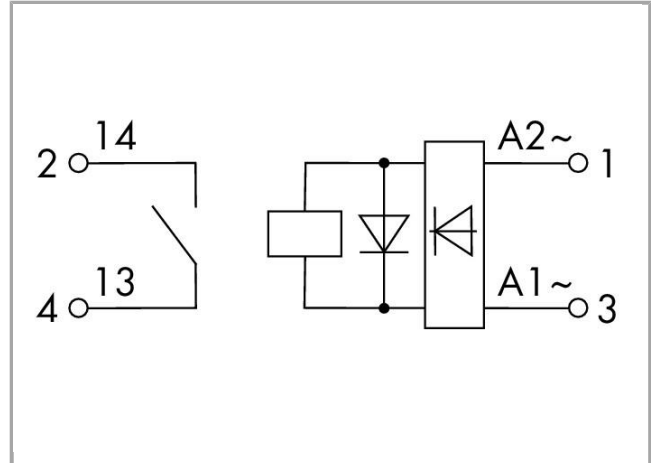


Data sheet | Item number: 2042-3809

Relay module; 230 VAC/VDC; Relay with 1 changeover contact (1u)

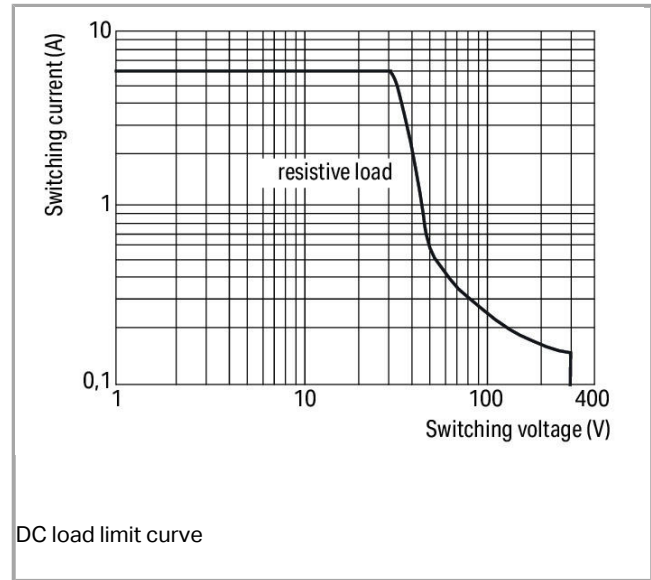
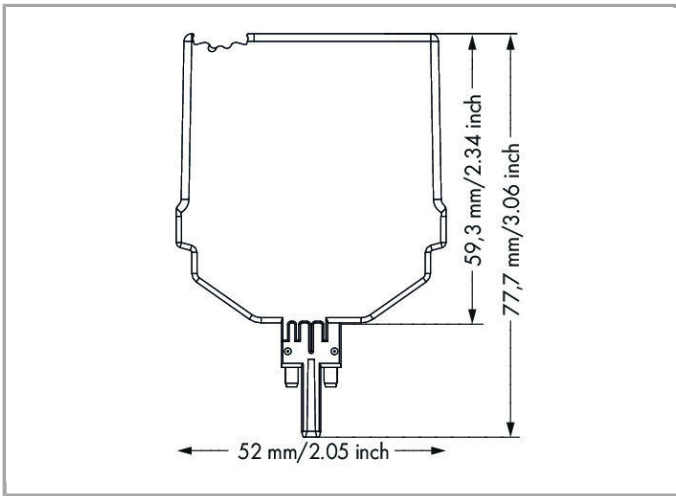
[www.wago.com/2042-3809](http://www.wago.com/2042-3809)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Similar to picture



## Data

### Technical Data

### Control circuit

Nominal input voltage $U_N$	AC/DC 24 ... 230 V
Input voltage range	$\pm 10\%$
Nominal input current at $U_N$	1.7 mA (230 V); 26.3 mA (24 V)

### Load circuit:

Number of make contacts/switch on contacts	1
Contact material (relay)	AgSnO <sub>2</sub>
Limiting continuous current	3 A
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 750 VA; DC see load limit curve
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Min. switching current	0 $\mu$ A
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Drop-out time	$\leq 0 \mu$ s
Electrical life (N.O.; resistive load; 23 °C)	$50 \times 10^3$ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	$5 \times 10^6$ switching operations

### Signaling

Status indication	LED green
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### Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
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)	2.5 kV <sub>rms</sub>
Protection class	IP20

### Geometrical Data

Width	10.3 mm / 0.406 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

Type of mounting	Pluggable module for TOPJOB <sup>®</sup> S carrier terminal block
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### Material Data

Flammability class per UL94	V0
Fire load	0.204 MJ
Weight	31.55

### Environmental Requirements

Pollution degree	2
Surrounding air (operating) temperature at U <sub>N</sub>	-40 ... 70 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Max. operating altitude	2000 m

### Standards and specifications

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





Country of origin	DE
GTIN	4055143709538
















## Compatible products

### End plate

<b>Item no.: 2002-1691</b> End and intermediate plate; 1 mm thick	<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	<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	<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	<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	<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	<a href="http://www.wago.com/2002-1892">www.wago.com/2002-1892</a>

### Marking accessories

<b>Item no.: 2009-110</b> Marking strips; on reel; not stretchable; plain; snap-on type	<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; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<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; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<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 smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<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 smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
 <b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<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 smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<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 smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>

	<p><b>Item no.: 2009-115/000-024</b>                      WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<p><b>Item no.: 793-501</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<p><b>Item no.: 793-501/000-002</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<p><b>Item no.: 793-501/000-005</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<p><b>Item no.: 793-501/000-006</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<p><b>Item no.: 793-501/000-007</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<p><b>Item no.: 793-501/000-012</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<p><b>Item no.: 793-501/000-017</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<p><b>Item no.: 793-501/000-023</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<p><b>Item no.: 793-501/000-024</b>                      WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<p><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</p>	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
	<p><b>Item no.: 793-5501/000-002</b>                      WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a>
	<p><b>Item no.: 793-5501/000-005</b>                      WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a>
	<p><b>Item no.: 793-5501/000-006</b>                      WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a>
	<p><b>Item no.: 793-5501/000-007</b>                      WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a>



**Item no.: 793-5501/000-012**  
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

[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; stretchable 5 - 5.2 mm; plain; snap-on type

[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; stretchable 5 - 5.2 mm; plain; snap-on type

[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; stretchable 5 - 5.2 mm; plain; snap-on type

[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; stretchable 5 - 5.2 mm; plain; snap-on type

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

### clamps

**Item no.: 2002-1661**  
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®

[www.wago.com/2002-1661](http://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 mm<sup>2</sup>; Push-in CAGE CLAMP®

[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®

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



**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®

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

### Downloads

#### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging

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