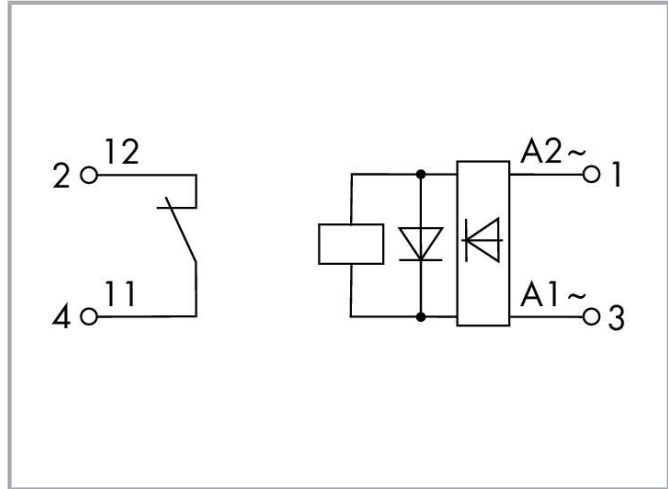


**Data sheet | Item number: 2042-3859**

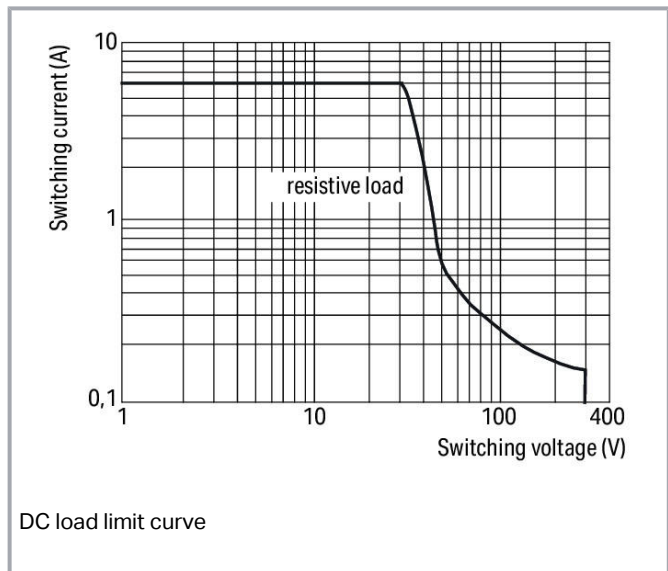
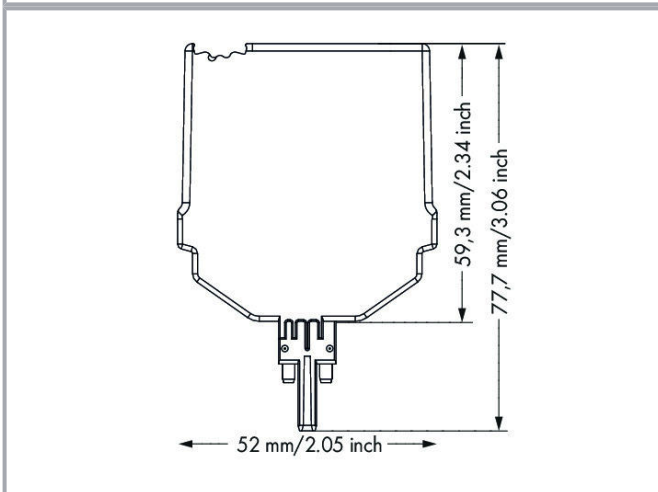
Relay module; Nominal input voltage: 24 ... 230 V AC/DC; 1 break contact;  
Limiting continuous current: 6 A; Green status indicator; Module width: 10 mm



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Similar to picture



DC load limit curve

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

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## 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 break/switch-off 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)
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Mechanical life	$5 \times 10^6$ 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
Protection type	IP20

#### Physical 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

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

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Depth	52 mm / 2.047 inch
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### Mechanical data

Mounting type	Pluggable module for TOPJOB® S carrier terminal block
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### Material data

Flammability class per UL94	V0
Fire load	0.107 MJ
Weight	23.6 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)	6 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143709569
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





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

## Optional accessories


### End plate

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>

### 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>

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

	<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>

## Downloads

### Documentation

#### Bid Text

2042-3859 docx - Datei	2019 Feb 20	docx 17.3 kB	Download
2042-3859 X81 - Datei	2019 Feb 19	xml 4.0 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; 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 2042-3859	URL	Download
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### CAE data

ZUKEN Portal 2042-3859	URL	Download
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## Environmental Product Compliance

### Compliance Search

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**Data sheet | Item number: 2042-3859**

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Environmental Product Compliance 2042-3859

Relay module; Nominal input voltage: 24 ... 230 V AC/DC; 1 break contact; Limiting continuous current: 6 A; Green status indicator; Module width: 10 mm

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## Installation Notes

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