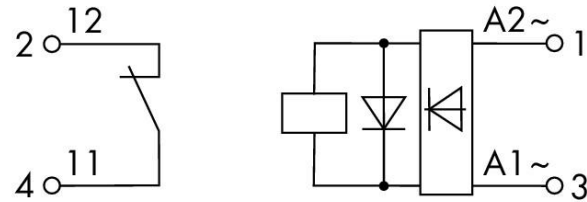
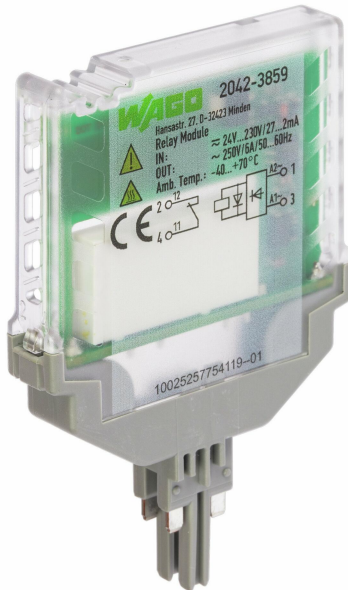


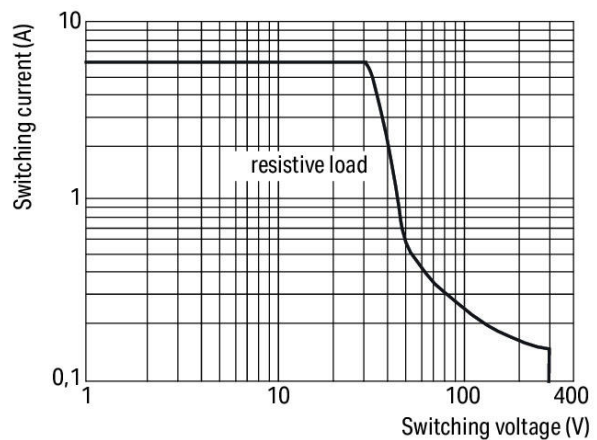
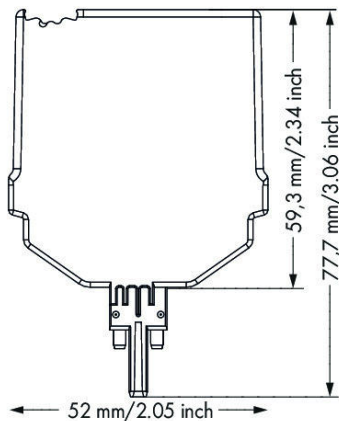
Data sheet | Item number: 2042-3859

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 ₂
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 x 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		
	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 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

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

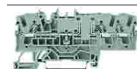
Terminal blocks

Carrier terminal block for modules and plugs		
	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 ² ; Push-in CAGE CLAMP®; 2,50 mm ² ; gray	www.wago.com/2002-1961

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

**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**Downloads****Documentation****Bid Text**

Item	Date	File Type	Size	Action
2042-3859	2019 Feb 20	docx	17.3 kB	Download

docx - Datei

2042-3859	2019 Feb 19	xml	4.0 kB	Download
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X81 - Datei

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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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

Installation Notes

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