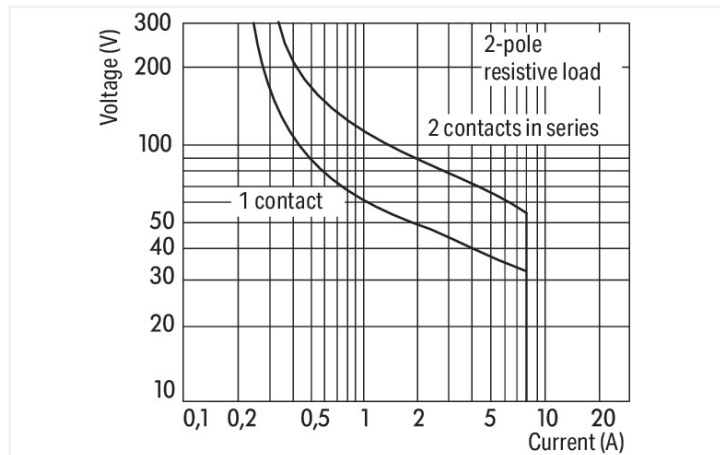
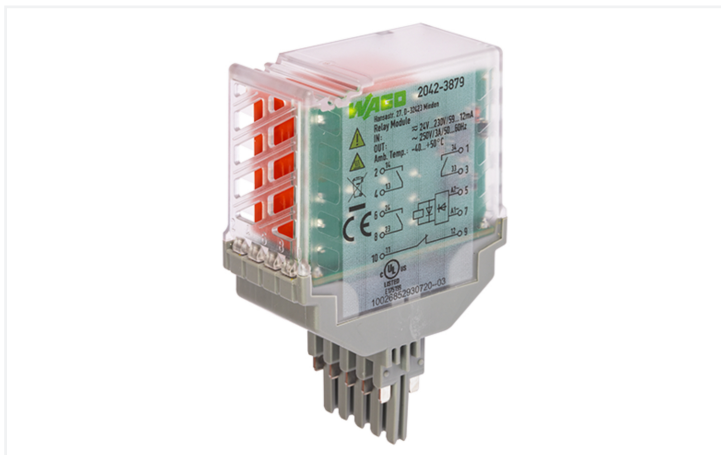


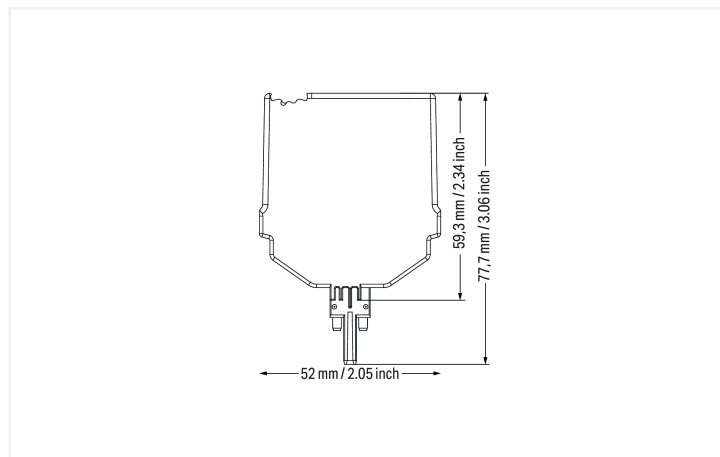
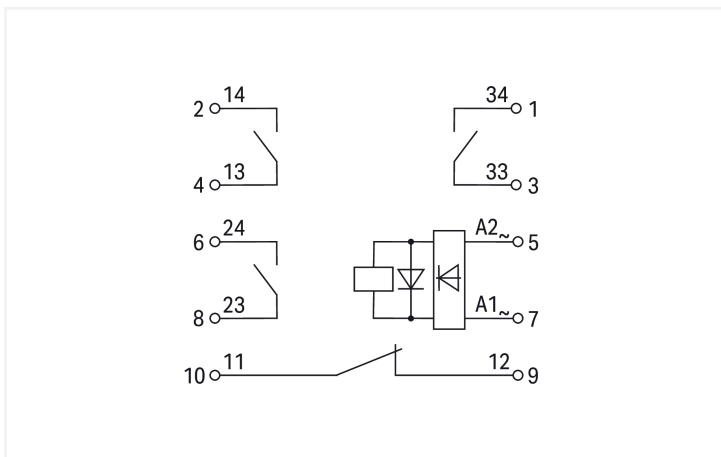
## Data Sheet | Item Number: 2042-3879

Relay module; Nominal input voltage: 24 ... 230 V AC/DC; 3 break contacts and 1 make contact; Limiting continuous current: 3 A; Green status indicator; Module width: 25 mm

<https://www.wago.com/2042-3879>



DC load limit curve



### Technical data

#### Control circuit

Nominal input voltage $U_N$	24 ... 230 VAC/VDC
Input voltage range	±10 %
Nominal input current at $U_N$	6 mA (230 V); 58.4 mA (24 V)

#### Load circuit

Number of break/switch-off contacts	1
Number of make/switch-on contacts	3
Contact material (relay)	AgNi
Limiting continuous current	3 A
Inrush current (resistive) max.	(AC) 15 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 750 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
------------------	-----------

### 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
Dielectric strength (channel/channel) (AC, 1 min.)	1.5 kVrms
Protection type	IP20

### Physical data

Width	25.9 mm / 1.02 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® S carrier terminal block
---------------	-------------------------------------------------------

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Flammability class per UL94	V0
Fire load	0.416 MJ
Weight	59.5 g

### Environmental requirements

Ambient temperature (operation at $U_N$ )	-40 ... +50 °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
--------------------------	--------------------------------------------

### Commercial data

PU (SPU)	4 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143652001
Customs tariff number	85364900990

Product Classification	
UNSPSC	39122334
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC002018
ETIM 10.0	EC002018
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	1303-86-2 1317-36-8 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I
SCIP notification number (Austria)	7b5208f0-2e2a-4510-b1eb-565e0b2452ca
SCIP notification number (Belgium)	51684ea3-115d-4840-a9b8-63f3fc8d2234
SCIP notification number (Bulgaria)	4476ef20-091f-4cfd-afce-2b89d27279c2
SCIP notification number (Czech Republic)	e18945d9-a8d8-42f1-b057-0282539a31bc
SCIP notification number (Denmark)	5fc49978-455b-49e3-82fd-00d7c2b8790a
SCIP notification number (Finland)	49d70864-7ee6-47f9-8612-f37acf36eb53
SCIP notification number (France)	4a540f92-c299-47d2-80f0-35cb10eff0bb
SCIP notification number (Germany)	75c3b0b4-4c49-4087-b6d7-d6bc3d163839
SCIP notification number (Hungary)	5875b682-4476-4443-85a2-5869d9af4fac
SCIP notification number (Italy)	97be450c-5352-4b60-b728-7e853c313808
SCIP notification number (Netherlands)	3f1de337-b048-4677-98a9-327ae6375c23
SCIP notification number (Poland)	62a68e47-eda4-431d-936b-95e9c99d284f
SCIP notification number (Romania)	267c18ac-9744-4a5e-af7b-72834f9632c5
SCIP notification number (Sweden)	0b29bad9-caf4-40c5-a089-75e5a6bb9211

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199

**Declarations of conformity and manufacturer's declarations**

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
MFD for Railway WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance 2042-3879



**Documentation**

**Bid Text**

2042-3879	20.02.2019	docx 16.82 KB	
2042-3879	19.02.2019	xml 3.88 KB	

**Instruction Leaflet**

Pluggable Relay Module / Pluggable Solid-State Relay Module	V 1.1.0	pdf 1933.06 KB	
-------------------------------------------------------------------	---------	-------------------	--

**CAD/CAE-Data**

**CAD data**

2D/3D Models  
2042-3879



**CAE data**

ZUKEN Portal 2042-3879



**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 End plate**

**1.1.1.1 End plate**



**Item No.: 2002-1691**

End and intermediate plate; 1 mm thick; gray

**Item No.: 2002-1791**

End and intermediate plate; 1 mm thick; gray

**Item No.: 2002-1891**

End and intermediate plate; 1 mm thick; gray

**Item No.: 2002-1991**

End and intermediate plate; 1 mm thick; gray



**Item No.: 2002-1692**

End and intermediate plate; 1 mm thick; orange

**Item No.: 2002-1792**

End and intermediate plate; 1 mm thick; orange

**Item No.: 2002-1892**

End and intermediate plate; 1 mm thick; orange

**Item No.: 2002-1992**

End and intermediate plate; 1 mm thick; orange

**1.1.2 Marking**

**1.1.2.1 Marker**



**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

**Item No.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

### 1.1.2.2 Marking strip



**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

### 1.1.3 Terminal blocks

#### 1.1.3.1 Carrier terminal block for modules and plugs



**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®; 2,50 mm<sup>2</sup>; gray



**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®; 2,50 mm<sup>2</sup>; gray



**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®; 2,50 mm<sup>2</sup>; gray



**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®; 2,50 mm<sup>2</sup>; gray