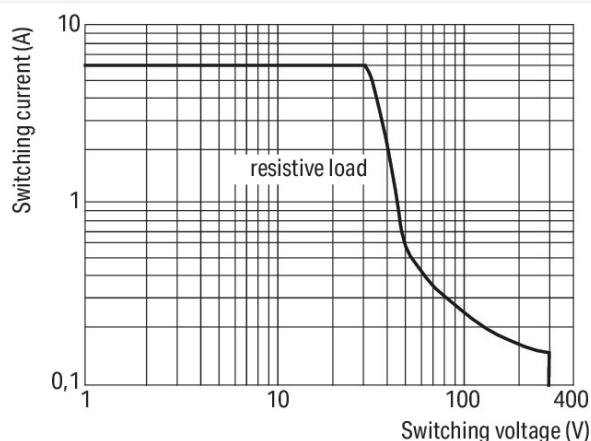


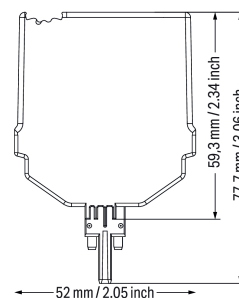
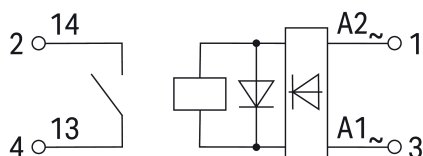
Data Sheet | Item Number: 2042-3809

Relay module; Nominal input voltage: 24 ... 230 V AC/DC; 1 make contact; Limiting continuous current: 3 A; Green status indicator; Module width: 10 mm

<https://www.wago.com/2042-3809>



DC load limit curve



Technical data

Control circuit

Nominal input voltage U_N	24 ... 230 VAC/VDC
Input voltage range	$\pm 10\%$
Nominal input current at U_N	2 mA (230 V); 26.3 mA (24 V)

Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	3 A
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 750 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	50 x 10 ³ switching operations
Mechanical life	5 x 10 ⁶ 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
Protection type	IP20

Physical data	
Width	10.3 mm / 0.406 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)	Information on material specifications can be found here
Flammability class per UL94	V0
Fire load	0.253 MJ
Weight	23.5 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)	6 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143709538
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 7440-43-9 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Cadmium Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I
SCIP notification number (Austria)	0694f120-feed-4ded-bbde-7f27a625ae68
SCIP notification number (Belgium)	b25e496a-8056-4411-b075-ce516850bb8e
SCIP notification number (Bulgaria)	9c72c8ab-cafd-4e76-b1ec-7b7c7d720dcc
SCIP notification number (Czech Republic)	1f13344e-9619-46e9-b522-d8e841bc7e6f
SCIP notification number (Denmark)	0ae12061-5423-48bc-ac34-d5c0599e1dfe
SCIP notification number (Finland)	e274da6d-c517-47e0-9a12-58b0344b3332
SCIP notification number (France)	a86fd98c-cbf4-43bf-8ea7-10b8026eb206
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SCIP notification number (Hungary)	a81b73d0-0727-4c8d-af41-4f5d747182bf
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SCIP notification number (Netherlands)	5173f441-20b6-40b0-9d9d-f4b862829d3f
SCIP notification number (Poland)	f2953b79-8f19-4ae0-84f2-6074f75fe9de
SCIP notification number (Romania)	b23aa75f-0ca2-4d9b-a0a1-5f92166db455
SCIP notification number (Sweden)	c2e9e5f0-eed1-4897-a752-83593fa29819

Approvals / Certificates											
General approvals		Declarations of conformity and manufacturer's declarations									
											
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									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>MFD for Railway WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	MFD for Railway WAGO GmbH & Co. KG	-	-
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 2042-3809

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Documentation

Bid Text

2042-3809	19.02.2019	xml 3.85 KB	↓
2042-3809	20.02.2019	docx 16.66 KB	↓

Instruction Leaflet

Pluggable Relay Module / Pluggable Solid-State Relay Module	V 1.1.0	pdf 1933.06 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models
2042-3809

↓

CAE data

ZUKEN Portal 2042-3809

↓

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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; 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 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray



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



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