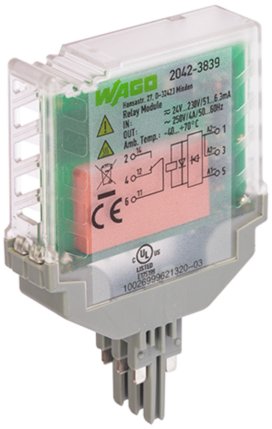
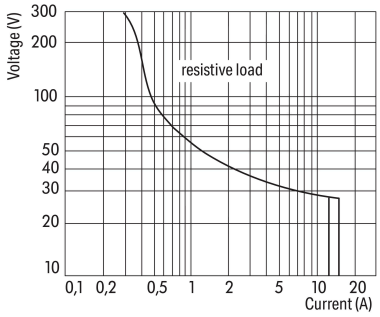
Data Sheet | Item Number: 2042-3839

Relay module; Nominal input voltage: 24 … 230 V AC/DC; 1 changeover contact; Limiting continuous current: 4 A; Green status indicator; Module width: 15 mm

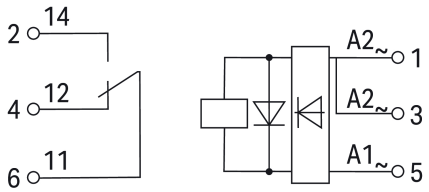
https://www.wago.com/2042-3839

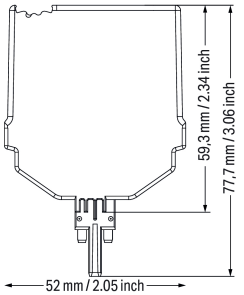


Similar to illustration



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); 50.2 mA (24 V)

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi
Limiting continuous current	4 A
Inrush current (resistive) max.	(AC) 30 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 1000 VA; DC (see load limit curve)
Utilization category	AC-15: 6 A / 250 VAC DC-13: 2 A / 24 VDC
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 10^3 switching operations
Mechanical life	10 x 10^6 switching operations

Continued on next page

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	15.5 mm / 0.61 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	0.557 MJ
Weight	36.3 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 … +70 °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	4055143651943
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	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	5025e192-d512-4806-a928-172cc77aece2
SCIP notification number (Belgium)	3dd787f3-0e6e-42f6-be5d-ec3025e6ca66
SCIP notification number (Bulgaria)	6302e441-00a8-4f39-91ba-b52dfa15a2fa
SCIP notification number (Czech Republic)	55916fc0-b28f-4870-8bd7-e0e25fabaa89
SCIP notification number (Denmark)	344846ee-7c73-4a23-aa9f-afd5669d2e4b
SCIP notification number (Finland)	b8a1f685-3bca-4bda-8f92-9be606acd4e2
SCIP notification number (France)	dc918f86-cc45-476d-a7e0-f9626693218b
SCIP notification number (Germany)	df63b836-ccc1-437c-b219-a493846eefb6
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SCIP notification number (Netherlands)	49b733db-0537-44d2-a3e6-7c9af9eadf08
SCIP notification number (Poland)	a948adf1-a571-432b-8f44-fd23633c8536
SCIP notification number (Romania)	225c644a-8b79-4cf0-95cc-05966a4bee8b
SCIP notification number (Sweden)	62d816e1-f11d-416f-9fa2-eff6db264671

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	-	-

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2042-3839

Documentation

Bid Text

2042-3839	19.02.2019	xml 3.85 KB
2042-3839	20.02.2019	docx 16.85 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 2042-3839

CAE data

ZUKEN Portal 2042-3839

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

Continued on next page

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