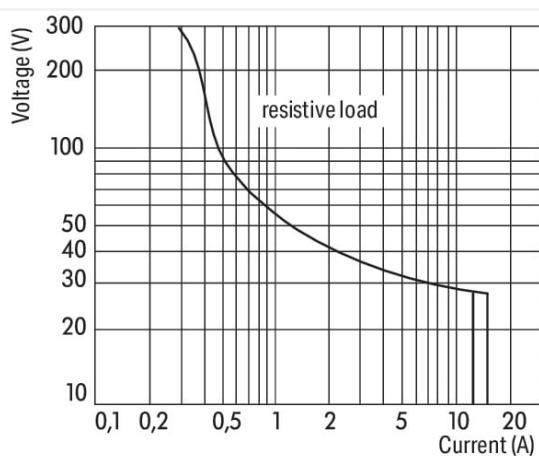
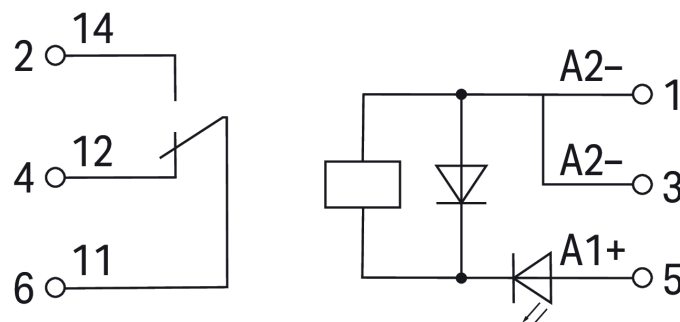


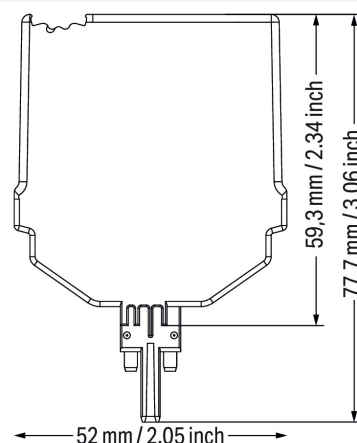
Data Sheet | Item Number: 2042-3034

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 10 A; Railway; Green status indicator; Module width: 15 mm

<https://www.wago.com/2042-3034>



DC load limit curve



Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at U_N	14 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi
Limiting continuous current	10 A
Inrush current (resistive) max.	(AC) 30 A / 4 s
Switching Voltage, Max.	AC 250 V
Switching power (resistive) max.	AC 2500 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 A / AC 250 V; DC-13: 2 A / DC 24 V
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



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	0.149 MJ
Weight	33.1 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	
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC002018
ETIM 8.0	EC002018
PU (SPU)	4 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143651912
Customs tariff number	85364900990

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)	8044e9f2-a4c9-483f-89ad-9e2eb03b8515
SCIP notification number (Belgium)	247bbae6-6cd8-4faa-921f-6bc56edf5356
SCIP notification number (Bulgaria)	56edfa38-10bf-41c4-8dee-954085e9d064
SCIP notification number (Czech Republic)	314513d7-b8e0-40cf-8e95-0d98719ca239
SCIP notification number (Denmark)	9aafb337-9984-4899-ac63-45cd2df7a5ae
SCIP notification number (Finland)	542618d0-a6d4-4cd6-acf6-aba7c01cc66e
SCIP notification number (France)	ee3bce1a-6785-45ed-9110-6e87e0c7ae95
SCIP notification number (Germany)	d9fd5f58-0114-4d4f-8dbc-17c32abdced2
SCIP notification number (Hungary)	27129d97-0db4-4eda-a881-cc55670513b0
SCIP notification number (Italy)	0e71f13d-0a32-47eb-a707-67e4bd28bf57
SCIP notification number (Netherlands)	d482ddf9-6dfe-46fa-a5fb-1b3c5f374e11
SCIP notification number (Poland)	8c9b8474-7e1f-41e6-b43b-600f5eb4baaf
SCIP notification number (Romania)	26d27295-0986-405c-9e8e-daf5d4fe4389
SCIP notification number (Sweden)	f9cc6eaa-7852-4391-8052-5fc145a40ce6

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199
		EU-Declaration of Conformity WAGO GmbH & Co. KG

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2042-3034





Documentation				
Bid Text			Instruction Leaflet	
2042-3034	19.02.2019	xml 3.84 KB	Pluggable Relay Module V 1.1.0 Pluggable Solid-State Relay Module	pdf 1933.06 KB
2042-3034	20.02.2019	docx 16.68 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2042-3034	ZUKEN Portal 2042-3034

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