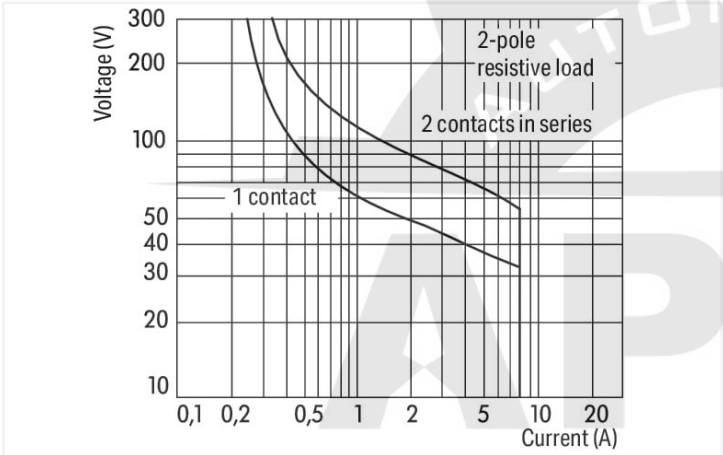
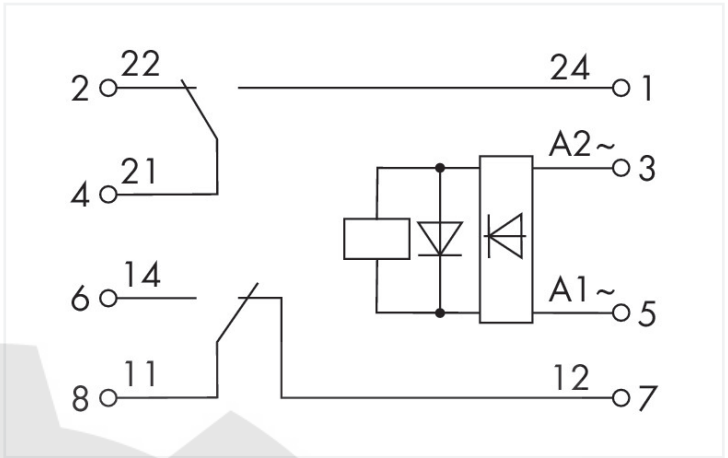


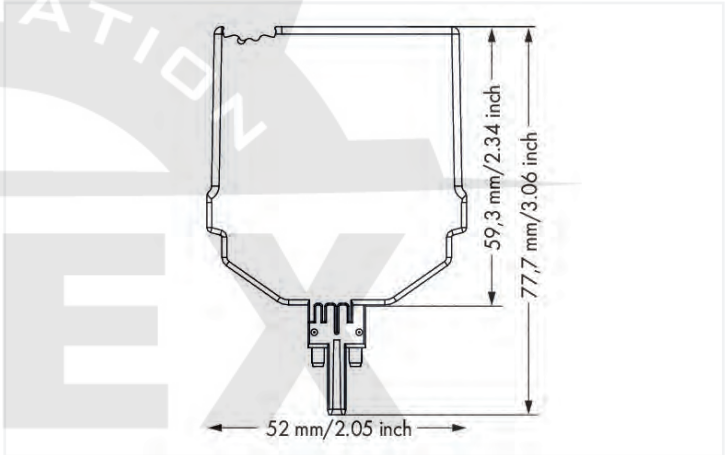
Data Sheet | Item Number: 2042-3849
Relay module; Nominal input voltage: 24 ... 230 V AC/DC; 2 changeover contacts; Limiting continuous current: 5 A; Green status indicator; Module width: 20 mm



<https://www.wago.com/2042-3849>



DC load limit curve



Dimensions in mm

Technical data			
Control Circuit		Load circuit	
Nominal input voltage U_N	AC/DC 24 ... 230 V	Number of changeover/switchover contacts	2
Input voltage range	$\pm 10\%$	Contact material (relay)	AgNi
Nominal input current at U_N	3 mA (230 V); 49.1 mA (24 V)	Limiting continuous current	5 A
		Inrush current (resistive) max.	(AC) 15 A / 4 s
		Switching voltage (max.)	AC 250 V
		Switching power (resistive) max.	AC 1250 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 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
Dielectric strength (channel/channel) (AC, 1 min.)	1.5 kVrms
Protection type	IP20

Physical data	
Width	20.7 mm / 0.815 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	
Flammability class per UL94	V0
Fire load	0.871 MJ
Weight	51.1 g

Environmental requirements	
Ambient 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

Commercial data	
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 8.0	EC002018
ETIM 7.0	EC002018
PU (SPU)	4 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143651929
Customs tariff number	85364900990



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 020/2011	EAC_Certificate_RU_C- DE.AM02.B.00115_19
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19
UL Underwriters Laboratories Inc. (ORDINARY LOCATI- ONS)	UL 61010-1	E175199

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2042-3849



Documentation

Bid Text
2042-3849
19.02.2019
xml 3.86 KB
2042-3849
20.02.2019
docx 16.93 KB



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



CAD/CAE-Data

CAD data
2D/3D Models 2042-3849



CAE data
ZUKEN Portal 2042-3849



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
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1.1.2.2 Marking strip



Item No.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white
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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
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