

Data sheet | Item number: 2042-3084

Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts;
Limiting continuous current: 5 A; Railway; Green status indicator; Module
width: 25 mm

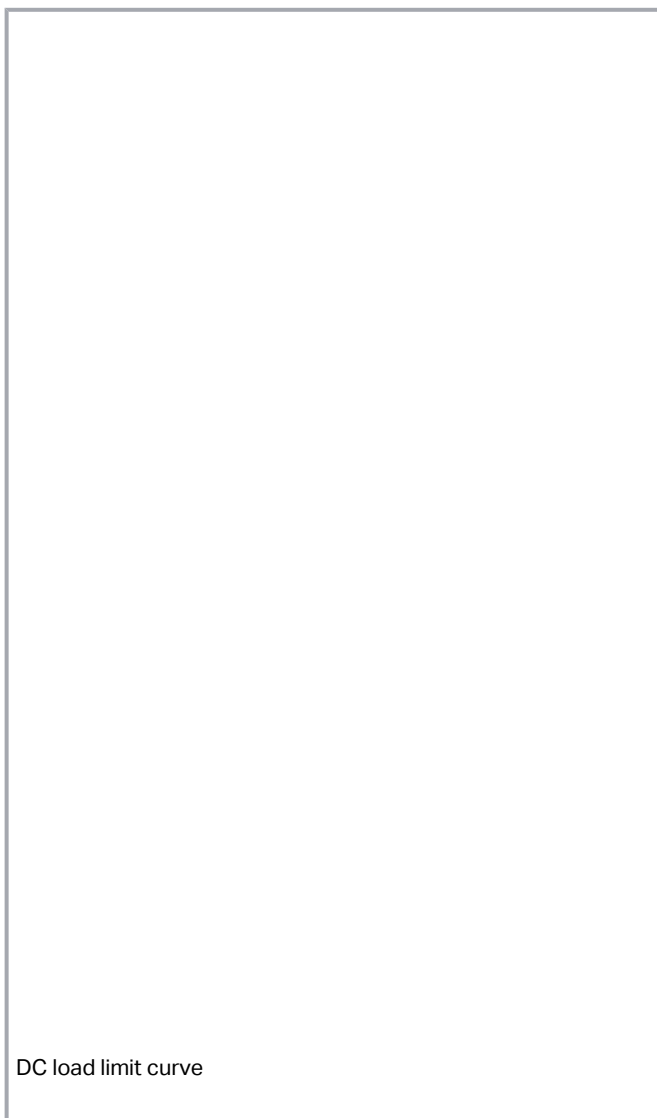
www.wago.com/2042-3084



Subject to changes. Please also observe the further product documentation!

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DC load limit curve

Data

Technical data

Control Circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at U_N	29 mA

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Load circuit

Number of break/switch-off contacts	2
Number of make/switch-on contacts	2
Contact material (relay)	AgNi
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
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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
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Material Data

Flammability class per UL94	V0
Fire load	0.255 MJ
Weight	71.4 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
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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)	5 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143651745
Customs tariff number	85364900990

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7 80-05-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c)

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	7(a) 7(c)-I 7(c)-II
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-1	E175199

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Terminal blocks

Carrier terminal block for modules and plugs
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 www.wago.com/2002-1961

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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 www.wago.com/2002-1761

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 www.wago.com/2002-1861

Marking accessories

Marking strip

Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white www.wago.com/2009-110

Marker

Item no.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white www.wago.com/2009-115

Item no.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/793-501

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 www.wago.com/793-5501

End plate

End plate

Item no.: 2002-1892

End and intermediate plate; 1 mm thick; orange www.wago.com/2002-1892

Item no.: 2002-1891

End and intermediate plate; 1 mm thick; gray www.wago.com/2002-1891

Item no.: 2002-1991

End and intermediate plate; 1 mm thick; gray www.wago.com/2002-1991

Item no.: 2002-1992

End and intermediate plate; 1 mm thick; orange www.wago.com/2002-1992

Item no.: 2002-1691

End and intermediate plate; 1 mm thick; gray www.wago.com/2002-1691

Item no.: 2002-1692

End and intermediate plate; 1 mm thick; orange www.wago.com/2002-1692

Item no.: 2002-1791

End and intermediate plate; 1 mm thick; gray www.wago.com/2002-1791

Item no.: 2002-1792

End and intermediate plate; 1 mm thick; orange www.wago.com/2002-1792

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Documentation

Bid Text

2042-3084 docx - Datei	2019 年2月20 日	docx 17.2 kB	Download
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2042-3084 X81 - Datei	2019 年2月19 日	xml 4.0 kB	Download
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Instruction Leaflet

Pluggable Relay Module / Pluggable Solid-State Relay Module	V 1.1.0	pdf 2.0 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2042-3084	URL	Download
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CAE data

ZUKEN Portal 2042-3084	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2042-3084 Relay module; Nominal input voltage: 24 VDC; 2 break and 2 make contacts; Limiting continuous current: 5 A; Railway; Green status indicator; Module width: 25 mm	URL	Download
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Installation Notes

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