

Data sheet | Item number: 789-1341

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
Limiting continuous current: 12 A; with manual operation; Red status
indicator; Module width: 18 mm; 2,50 mm²



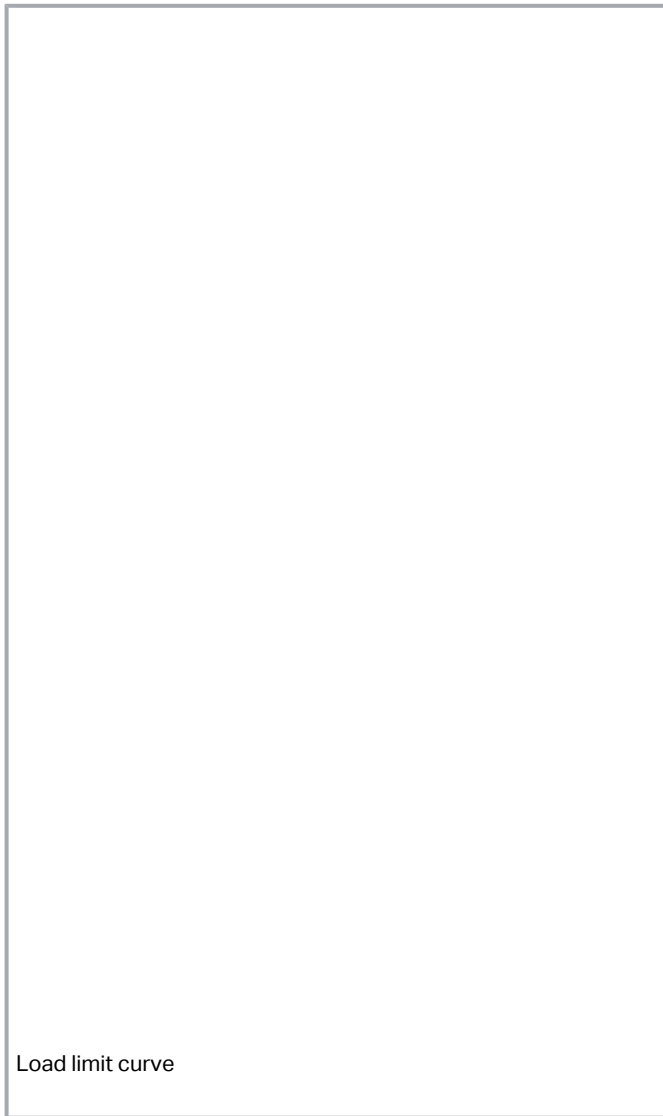
www.wago.com/789-1341



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Notes

Note

To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Technical data

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Control Circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	$\pm 10\%$
Nominal input current at U_N	17 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi
Limiting continuous current	12 A
Inrush current (resistive) max.	(AC) 30 A / 0.02 s; (AC) 24 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 3000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	8 ms
Bounce time (typ.)	6 ms
Mechanical life	5×10^6 switching operations

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3.5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Protection type	IP20

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

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



Physical data

Width	17.5 mm / 0.689 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical data

Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail

Material Data

Fire load	0.732 MJ
Weight	50.8 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/specifications	EN 60664-1
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-23-09
eCl@ss 9.0	27-14-23-09
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821386728
Customs tariff number	85364900990

Environmental Product Compliance

CAS-No.	7439-92-1
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79-94-7

REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Bulgaria)	5cf6c72e-7f41-417b-b92d-3f6f266fbfee
SCIP notification number (Czech Republic)	08bfecbe-d802-4595-87a4-e46bf334dc13

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122 /19

Optional accessories

Tool

Operating tool	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
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Marking accessories

Marking device	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
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Marker

Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
Item no.: 248-451 Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-451
Item no.: 248-455 Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-455
Item no.: 248-450 Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-450
Item no.: 248-452 Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-452

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Item no.: 248-453 Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-453
Item no.: 248-454 Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-454
Item no.: 248-566 Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-566
Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-504
Item no.: 248-503 Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-503
Item no.: 248-506 Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-506
Item no.: 248-502 Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-502

Ferrule

Ferrule

Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244

Jumpers

Jumper

Item no.: 789-112 Jumper; 12-way; silver-colored	www.wago.com/789-112
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Bid Text

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Instruction Leaflet

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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

CAE data

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WSCAD Universe 789-1341		URL	Download
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ZUKEN Portal 789-1341		URL	Download
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CAD data

2D/3D Models 789-1341		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-1341 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 12 A; with manual operation; Red status indicator; Module width: 18 mm; 2,50 mm ²		URL	Download
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Installation Notes

Conductor termination



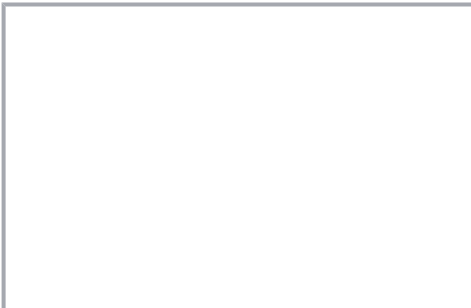
Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.

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