

Data sheet | Item number: 288-437

Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 5 A; Module width: 19 mm; 2,50 mm²

www.wago.com/288-437



**Data
Notes**

Note

60 VDC switching voltages and 300 mA currents must not be exceeded for gold-plated basic relays. Higher switching power eventually evaporates the gold layer.

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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Technical data

Control Circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-15 ... +10 %
Nominal input current at U_N	36 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi 10 + Au
Limiting continuous current	5 A
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 1250 VA
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	0.1 V / 1 mA / 1 mW
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	12 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	50 x 10 ⁶ switching operations

Safety and protection

Rated voltage	250 V
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3 kVrms
Dielectric strength (open contact) (AC, 1 min)	1.5 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	3 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (load/load circuit)	Functional insulation
Insulation type (adjacent devices)	Basic insulation
Protection type	IP00

Connection data

Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series

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



Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	19 mm / 0.748 inches
Height	75 mm / 2.953 inches
Depth from upper-edge of DIN-rail	38 mm / 1.496 inches

Mechanical data

Mounting type	DIN-35 rail
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Material Data

Color	grey
Fire load	0.286 MJ
Weight	44.2 g

Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C
Relative humidity	5 ... 95 %
Operating altitude (max.)	2000 m

Standards and specifications

Standards/specifications	EN 61010-2-201 EN 50205
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
PU (SPU)	10 (1) pcs

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



Packaging type	box
Country of origin	DE
GTIN	4045454560133
Customs tariff number	85364900990

Environmental Product Compliance

CAS-No.	7439-92-1 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) 7(c)-I
SCIP notification number (Austria)	4f82388f-a65a-4d13-bed8-8c5d7aca36d6
SCIP notification number (Belgium)	d6add5fa-15fe-4e7b-90bc-154b269f7afd
SCIP notification number (Bulgaria)	6433260f-b4ad-4437-8111-318c72a09ca8
SCIP notification number (Czech Republic)	5c0a9576-65c0-4b60-92b2-f7d40668c96f
SCIP notification number (Denmark)	c6050073-ce3f-492b-814d-75c62100d0d9
SCIP notification number (Finland)	91b5fc7b-98f3-4fb4-a20e-768c52505601
SCIP notification number (France)	a08ee6e6-7857-43cf-8588-6d80932aa743
SCIP notification number (Germany)	2de327f7-ce61-4b76-8e7d-488e95226e5c
SCIP notification number (Hungary)	a4958121-85c7-448c-9745-59f0ed50fb63
SCIP notification number (Italy)	06be5fd8-52fd-417f-8c7e-3e2ca18327c7
SCIP notification number (Netherlands)	24ca02ec-87bc-4e55-8223-f9ef43ccbbb5
SCIP notification number (Poland)	e823142b-200a-43b3-92df-37bed738d061
SCIP notification number (Romania)	b25d3de8-f8bc-4f5e-a7cb-108f4266ae69
SCIP notification number (Sweden)	1102784f-6162-4ee4-8d06-31fade526e08

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

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name

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EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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 strip

Item no.: 709-196 Marking strips; for laser printer; translucent	www.wago.com/709-196
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Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
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Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177
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Downloads

Documentation

Bid Text

288-437 docx - Datei	2019 年2月20 日	docx 16.5 kB	Download
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288-437 X81 - Datei	2019 年2月19 日	xml 4.2 kB	Download
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Instruction Leaflet

Relaismodul mit zwangsgeführten Kontakten	V 1.0.0	pdf 816.2 kB	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

CAE data

EPLAN Data Portal 288-437	URL	Download
WSCAD Universe 288-437	URL	Download

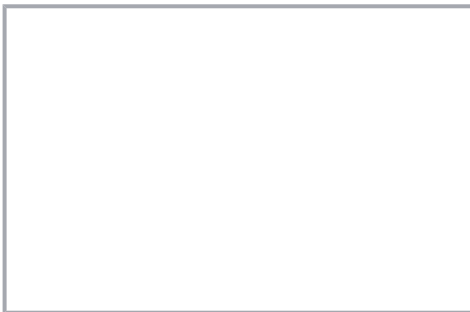
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 288-437	URL	Download
Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 5 A; Module width: 19 mm; 2,50 mm ²		

Installation Notes

Conductor termination

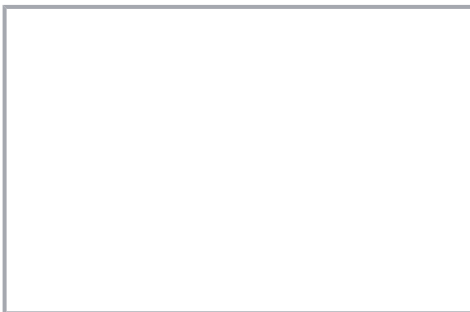


Conductor termination – screwdriver actuation parallel to conductor entry

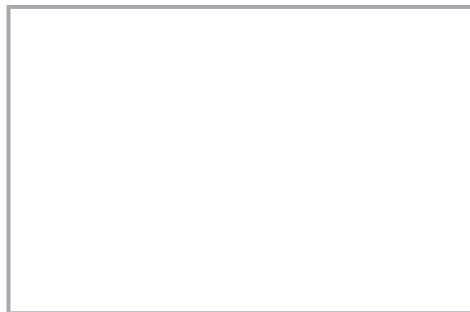


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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