

Data sheet | Item number: 789-570

Latching relay module; Nominal input voltage: 230 VAC; 1 make contact;
Limiting continuous current: 16 A; Red status indicator; Module width: 18
mm; 2,50 mm²; gray

www.wago.com/789-570



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

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Email: info.de@wago.com | Web: www.wago.com

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



Data

Technical data

Control Circuit

Nominal input voltage U_N	AC 230 V
Input voltage range	-15 ... +10 %
Nominal input current at U_N	10 mA
Coil control	Pulse mode
Minimum pulse length (control input)	40 ms
Minimum break time	180 ms

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Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	16 A
Inrush current (resistive) max.	(AC) 50 A / 0.02 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 4000 VA
Recommended minimum load	10 V / 10 mA
Electrical life (NO; resistive load; 23 °C)	50 x 10 ³ switching operations
Mechanical life	100 x 10 ³ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 240 min ⁻¹
Protection	Circuit breaker: 16 A (max.); Tripping characteristic: B

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)	4 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

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

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Mechanical data

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

Material Data

Color	gray
Fire load	0.742 MJ
Weight	59.4 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +85 °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
Recupel Type	
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332790222
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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

Marking accessories

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

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



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

Jumpers

Jumper

Item no.: 789-112

Jumper; 12-way; silver-colored www.wago.com/789-112

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

Ferrule

Ferrule

Item no.: 216-241

Ferrule; Sleeve for 0.5 mm² / 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 mm² / 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 mm² / 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 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black www.wago.com/216-244

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789-570 docx - Datei	2019 年2月20 日	docx 16.9 kB	Download
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CAD/CAE-Data

CAE data

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CAD data

2D/3D Models 789-570	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-570	URL	Download
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Installation Notes

Conductor termination

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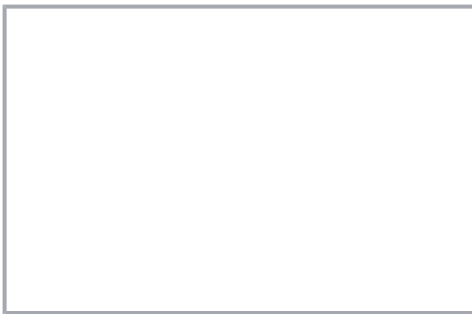
Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.

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