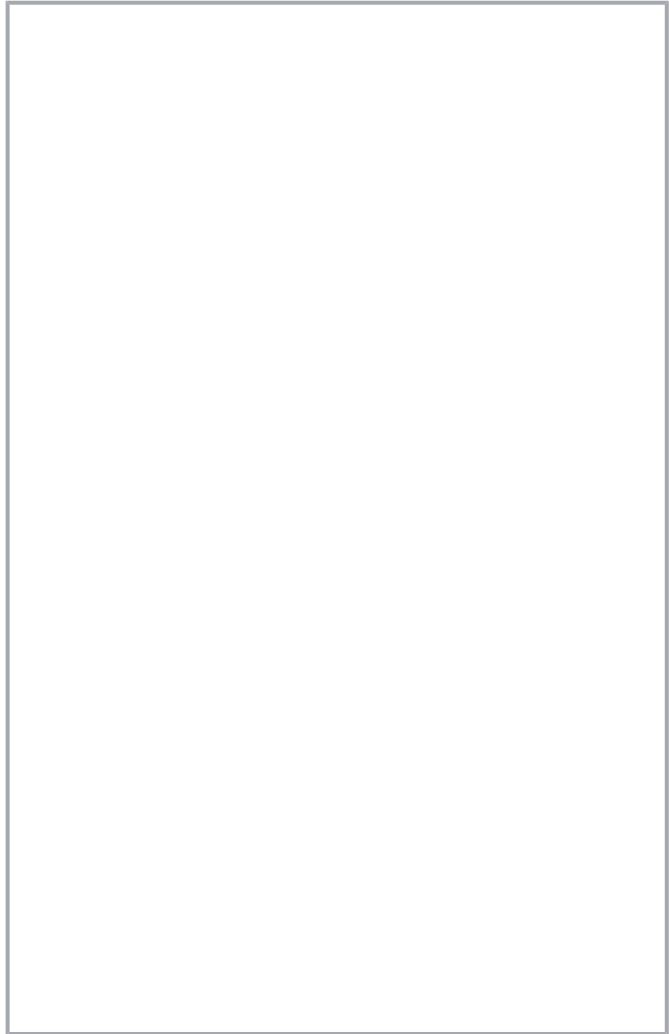
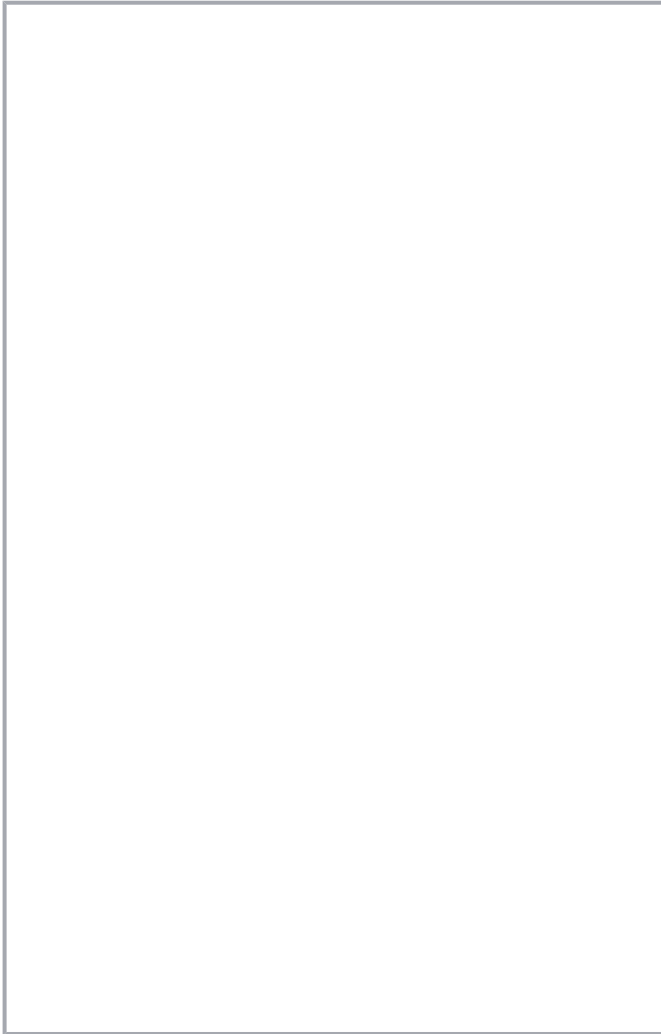


Data sheet | Item number: 789-810

Manual operation module; 4 digital outputs; 1,50 mm²

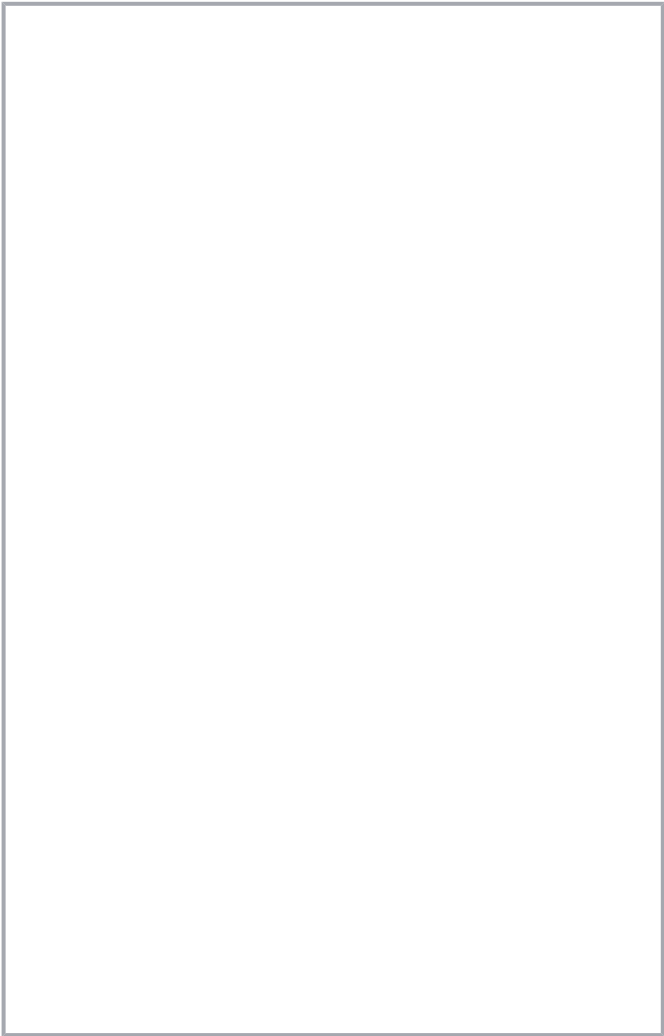
www.wago.com/789-810



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

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Item description

Short description:

WAGO's digital manually operated module (789-810) monitors 0 ... 3 inputs and signals their status via green LED and the power relay's changeover contact. Depending on both the manual/automatic switch and watchdog input, the states 0 or 1 are transmitted (electrically isolated) via relay to the output.

Data
Electrical data

Nominal operating voltage	DC 24 V
Operating voltage range	±20 %

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Inputs	No. 1 / 10: 24 V; power supply No. 2: GND No. 3 / 4 / 5 / 6: DI-0 ... 3; Input 0 ... 3; 24 V / 20 mA (max.) No.11: WD-IN; Watchdog input; 24 V / 20 mA (max.)
Outputs	No. 7: H-C; Manual operation; "closed" No. 8: H-CM; Manual operation; "common" No. 9: H-O; Manual operation; "open" No. 12 / 15 / 18 / 21: GND No. 13 / 16 / 19 / 22: AO-0 ... 3; Output 0 ... 3; 0 ... 10 V / 20 mA (max.) No. 14 / 17 / 20 / 23: GND

Safety and protection

Dielectric strength, input/output (AC, 1 min)	4 kV _{rms}
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Connection data

Connection type 1	Input
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 734 Series
Solid conductor	0.08 ... 1.5 mm² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 1.5 mm² / 28 ... 14 AWG
Strip length	7 mm / 0.28 inches
Connection type 2	Output
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 231 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Width	106 mm / 4.173 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	58 mm / 2.283 inches

Mechanical Data

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

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Material Data

Fire load	0.456 MJ
Weight	251.6 g

Environmental requirements

Ambient temperature (operation)	0 ... +50 °C
Ambient temperature (storage)	-25 ... +70 °C

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-12-16
eCl@ss 9.0	27-37-12-16
ETIM 8.0	EC000225
ETIM 7.0	EC000225
PU (SPU)	3 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821108849
Customs tariff number	85389091890

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

Optional accessories

Tool

Operating tool	
Item no.: 210-719	
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
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.: 216-203	
Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
Item no.: 216-202	
	www.wago.com/216-202

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



Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

Item no.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204

Item no.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

Item no.: 216-223

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-223

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.: 216-222

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-222

Item no.: 216-221

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-221

Item no.: 216-224

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-224

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

Item no.: 216-263

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/216-263

Item no.: 216-264

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/216-264

Item no.: 216-262

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/216-262

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-301

Item no.: 216-321

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-321

Item no.: 216-322

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

www.wago.com/216-322

Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

www.wago.com/216-302

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

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Instruction Leaflet

		pdf 1.3 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

CAE data

EPLAN Data Portal 789-810	URL	Download
WSCAD Universe 789-810	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-810 Manual operation module; 4 digital outputs; 1,50 mm²	URL	Download
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Installation Notes

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