

**Data sheet | Item number: 289-671**

Sensor/actuator module; 8 channels digital output; 2-wire connection; with functional ground; in mounting carrier; 2,50 mm<sup>2</sup>



[www.wago.com/289-671](http://www.wago.com/289-671)



**Data**

**Electrical data**

Inputs/outputs	8-channel digital output
Circuit type	2-wire connection
Operating voltage	≤100 VAC; ≤125 VDC
Total current	8 A
Specialty functions	With functional ground

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](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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with functional ground

## Safety and protection

Rated voltage	100 V
Rated surge voltage	1.5 kV
Pollution degree	2
Protection type	IP20

## Connection data

### Connection 1

Connector	WAGO 236 Series
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Note (conductor cross-section)	12 AWG: THHN, THWN
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

## Physical data

Width	56 mm / 2.205 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	34 mm / 1.339 inches

## Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

## Material Data

Fire load	1.076 MJ
Weight	70.8 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C

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



Relative humidity	85% (non-condensing)
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### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	5 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454193348
Customs tariff number	85369010000

### 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 strip		
Item no.: 709-196 Marking strips; for laser printer; translucent		<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white		<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent		<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>

#### Tool

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

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

## Downloads

### Documentation

#### Bid Text

289-671 X81 - Datei	2019 年2月19 日	xml 3.2 kB	Download
289-671 doc - Datei	2015 年2月9 日	doc 25.1 kB	Download

#### Instruction Leaflet

pdf  
1.3 MB

Download

#### 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 289-671		URL	Download
WSCAD Universe 289-671		URL	Download

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 289-671 Sensor/actuator module; 8 channels digital output; 2-wire connection; with functional ground; in mounting carrier; 2,50 mm <sup>2</sup>		URL	Download
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## Installation Notes

### Conductor termination

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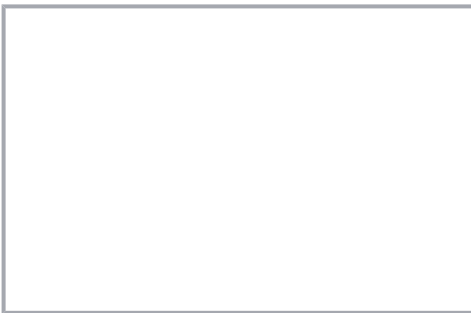


Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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