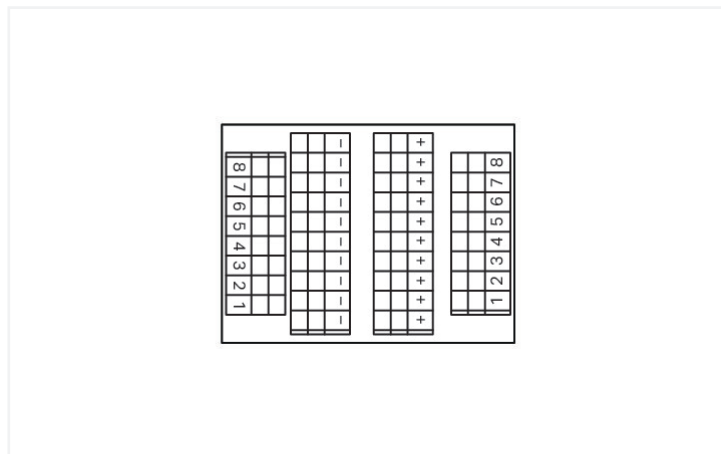
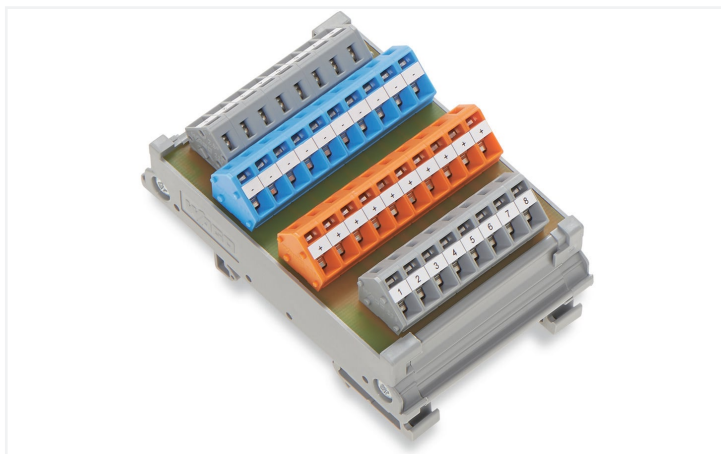


## Data Sheet | Item Number: 289-664

Sensor/actuator module; 8-channel digital input; 3-wire connection; in mounting carrier; 2,50 mm<sup>2</sup>

<https://www.wago.com/289-664>



### Electrical data

Inputs/outputs	8-channel digital input
Circuit type	3-wire connection
Operating voltage	≤100 VAC; ≤125 VDC
Total current	8 A

### Safety and protection

Rated voltage	100 V
Rated surge voltage	0.8 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	73 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85% (non-condensing)

### 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 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454193294
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19

#### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 289-664	<a href="#">↓</a>

## Documentation

Bid Text			
289-664	19.02.2019	xml 3.11 KB	<a href="#">↓</a>
289-664	09.02.2015	doc 24.50 KB	<a href="#">↓</a>

Instruction Leaflet	
	pdf 1246.19 KB <a href="#">↓</a>

## CAD/CAE-Data

CAD data	
2D/3D Models 289-664	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 289-664	<a href="#">↓</a>
WSCAD Universe 289-664	<a href="#">↓</a>
ZUKEN Portal 289-664	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking strip



**Item No.: 709-196**  
Marking strips; for laser printer; translucent



**Item No.: 709-177**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

#### 1.1.2 Tool

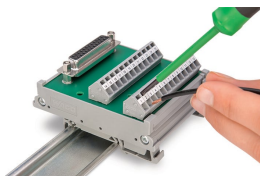
##### 1.1.2.1 Operating tool



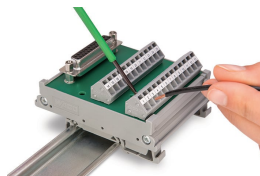
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

## Conductor termination

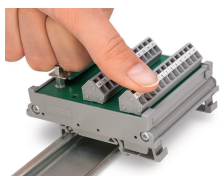


Conductor termination – screwdriver ac-  
tuation parallel to conductor entry

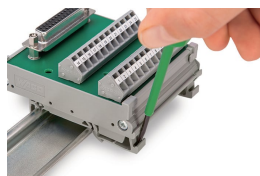


Conductor termination – screwdriver ac-  
tuation perpendicular to conductor entry

## Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.