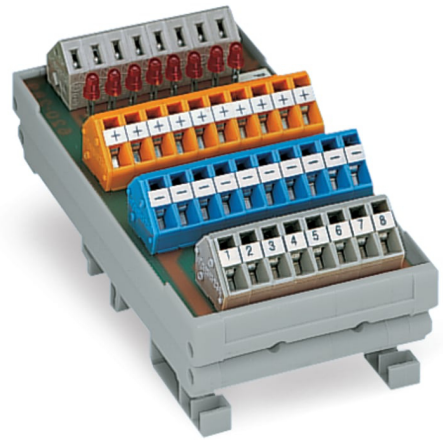
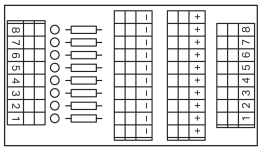
Data Sheet | Item Number: 289-665

Sensor/actuator module; 8-channel digital input; 3-wire connection/high-side switching; Red status indicator; in mounting carrier; 2,50 mm²

https://www.wago.com/289-665





Electrical data

Inputs/outputs	8-channel digital input
Circuit type	3-wire connection High-side switching
Nominal operating voltage	24 VDC
Operating voltage range	±10 %
Current consumption (status indication)	5.2 mA
Total current	8 A
Status indicator	Red LED

Safety and protection

Rated Voltage	100 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP20

Connection Data

Connection 1

Pluggable connector	WAGO 236 Series
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Note (conductor cross-section)	12 AWG: THHN, THWN
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Continued on next page

Physical data

Width	56 mm / 2.205 inches
Height	105 mm / 4.134 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	0.873 MJ
Weight	83.6 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)
PU (SPU)	5 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454368357
Customs tariff number	85369010000

Product Classification

UNSPSC	32151705
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-665

Documentation

Bid Text

289-665	09.02.2015	doc 24.50 KB	
289-665	19.02.2019	xml 3.12 KB	

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

CAD/CAE-Data

CAD data

2D/3D Models 289-665

CAE data

EPLAN Data Portal 289-665

WSCAD Universe 289-665

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

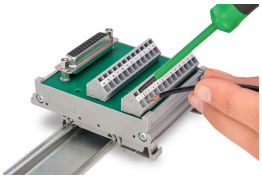
Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



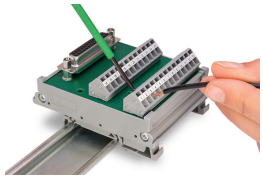
Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Installation Notes

Conductor termination



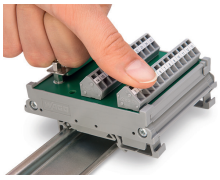
Conductor termination – screwdriver actuation parallel to conductor entry



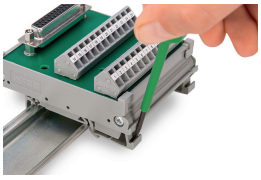
Conductor termination – screwdriver actuation perpendicular to conductor entry

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Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.