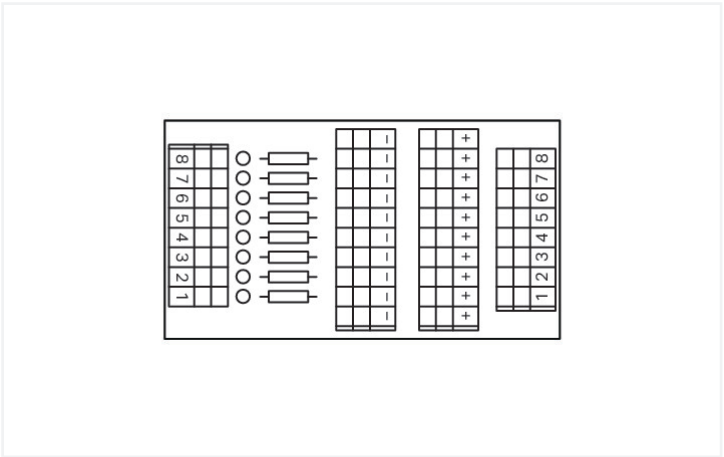


Data Sheet | Item Number: 289-665

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



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		0.937 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



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

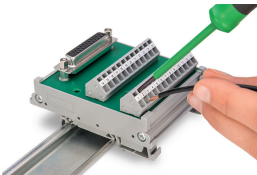


Item No.: 709-178

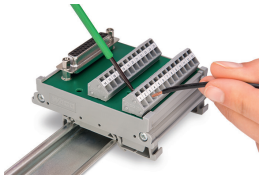
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Installation Notes

Conductor termination

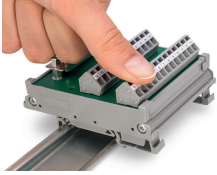


Conductor termination – screwdriver actuation parallel to conductor entry

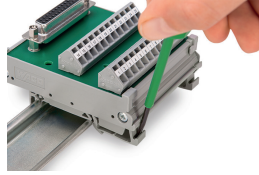


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.