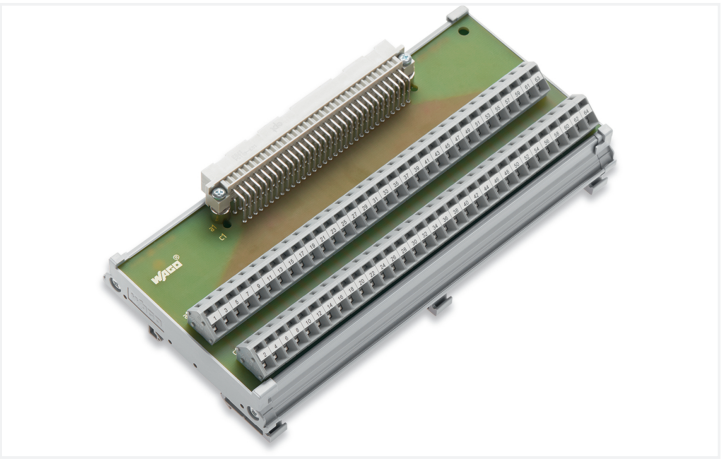
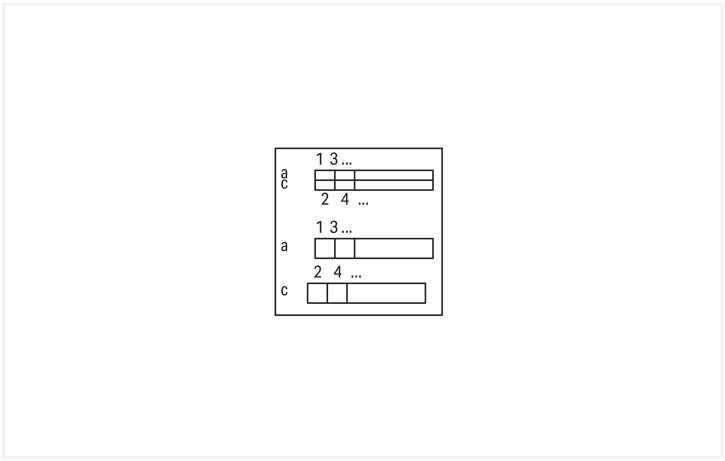
Data Sheet | Item Number: 289-527

Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for solder connection; Horizontal mounting; PCB terminal blocks, double-row; in mounting carrier; Type C; 2,50 mm²

https://www.wago.com/289-527





Similar to illustration

Electrical data

Operating voltage	≤ 100 VAC; ≤ 125 VDC
Nominal current	1 A
Contact resistance (max.)	20 mΩ

Safety and protection

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

Connection Data

Performance level	2 / 400 mating cycles

Connection 1

Pluggable connector	Pluggable connector per DIN 41612; Type C; male connector
Pole number 1	64
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	horizontal

Connection 2

Design	PCB terminal blocks (double-row)
Pole number	64
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG

Connection 2

Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Physical data

Width	171 mm / 6.732 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

Contact material (connector)	Copper alloy; gold plated
Fire load	1.679 MJ
Weight	174.5 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)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454594190
Customs tariff number	85366990990

Product Classification

UNSPSC	39121409
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

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-527

Documentation

Bid Text

289-527	19.02.2019	xml 3.46 KB
289-527	09.02.2015	doc 26.50 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAE data

EPLAN Data Portal 289-527

WSCAD Universe 289-527

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

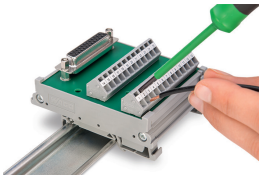
Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



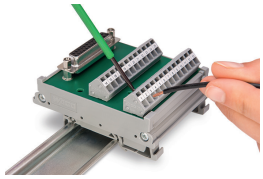
Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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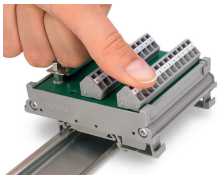
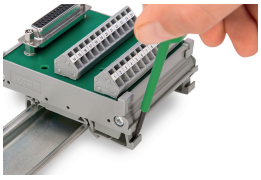
Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.