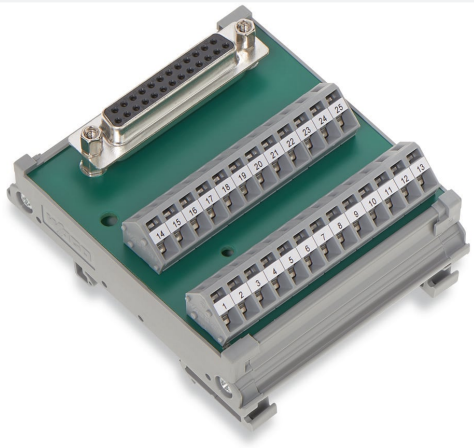
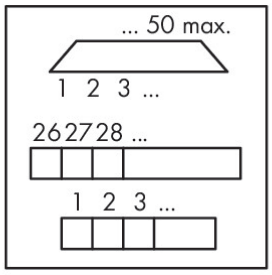
Data Sheet | Item Number: 289-559

Interface module; with solder pin; Female connector; 50-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

https://www.wago.com/289-559





Similar to illustration

Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection

Rated voltage	125 V
Pollution degree	2
Protection type	IP00; **Notice!** Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.
Dielectric strength (channel/channel) (AC, 1 min.)	0.75 kVrms
Insulation type	Functional insulation

Connection data

Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

Connection 1

Connector	D-subminiature female connector
Pole number 1	50
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	50
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor 2	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length 2	5 … 6 mm / 0.2 … 0.24 inches

Continued on next page

Physical data

Width	94 mm / 3.701 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)	Au over Ni
Fire load	1.306 MJ
Weight	123.7 g

Environmental requirements

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

Standards and specifications

Standards/specifications	EN 61010-2-201

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)	3 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454409746
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs-stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19
UL Underwriters Laboratories Inc. (ORDINARY LOCATI-ONS)	UL 508	E175199 Vol.2 Sec.1

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-559

Documentation

Bid Text

289-559 06.02.2015 doc 26.00 KB

Instruction Leaflet

pdf 1246.19 KB

CAD/CAE-Data

CAD data

2D/3D Models 289-559

CAE data

EPLAN Data Portal 289-559

WSCAD Universe 289-559

ZUKEN Portal 289-559

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

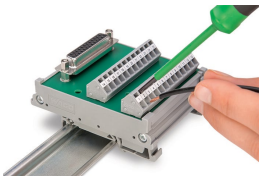


Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

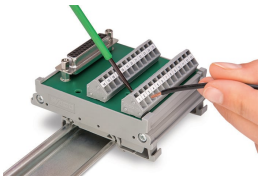
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Installation Notes

Conductor termination

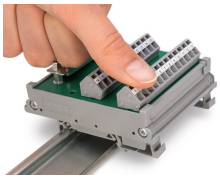


Conductor termination – screwdriver actuation parallel to conductor entry

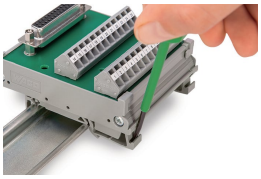


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.