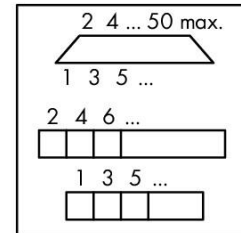
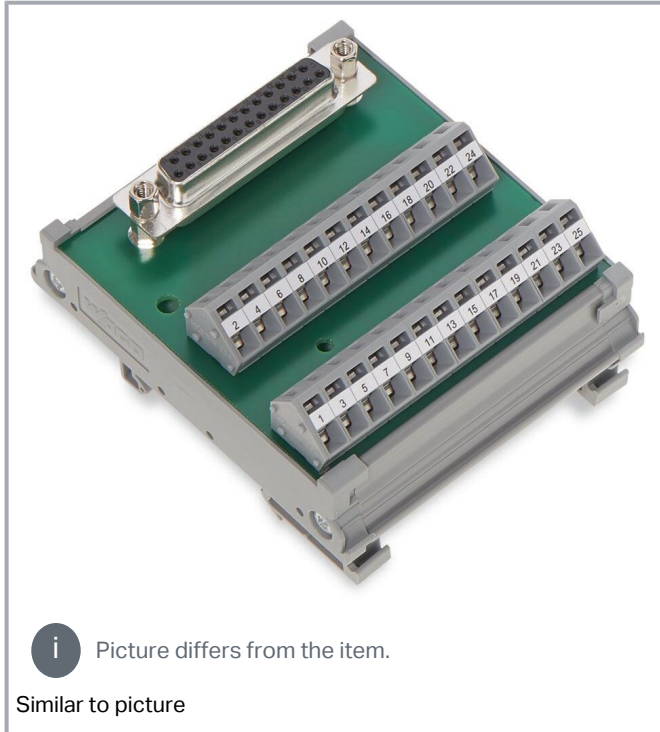


Data sheet | Item number: 289-554

Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

www.wago.com/289-554



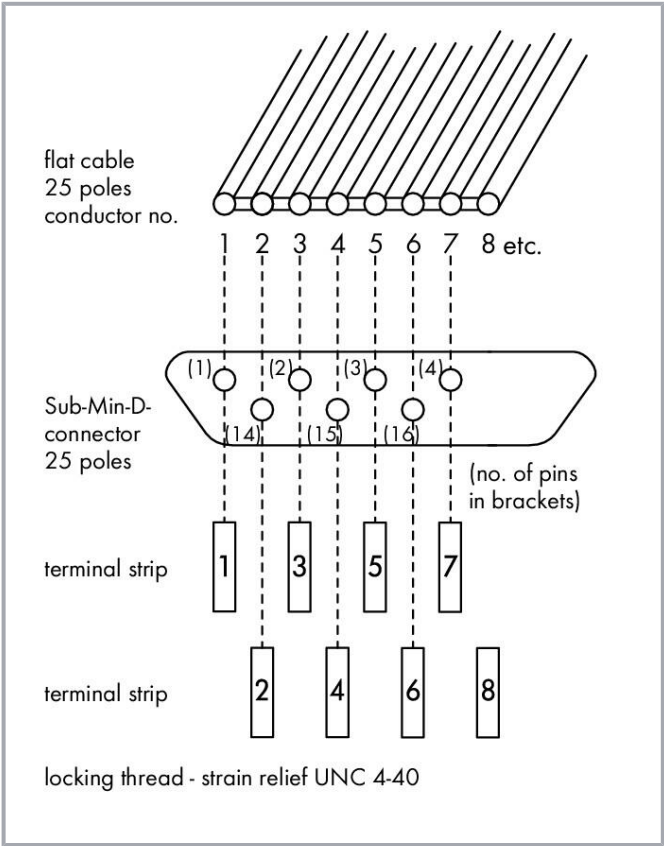
 Picture differs from the item.

Similar to picture

Subject to changes. Please also observe the further product documentation!

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Data
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 kV _{rms}
Insulation type	Functional insulation

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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

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	1.318 MJ
Weight	127.7 g

Subject to changes. Please also observe the further product documentation!



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
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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
Recupel Type	
ECCN	NO DATA
PU (SPU)	3 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454409739
Customs tariff number	85366990990

Environmental Product Compliance

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

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1

Declarations of conformity and manufacturer's declarations


Logo	Approval	Additional Approval Text	Certificate name
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	EU-Declaration of Conformity	-	-
	WAGO GmbH & Co. KG		
	UK-Declaration of Conformity	-	-
	WAGO GmbH & Co. KG		




Optional accessories

Tool

Operating tool			
	Item no.: 210-720		www.wago.com/210-720
	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		

Marking accessories

Marking strip

	Item no.: 709-196		www.wago.com/709-196
	Marking strips; for laser printer; translucent		
	Item no.: 709-178		www.wago.com/709-178
	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white		
	Item no.: 709-177		www.wago.com/709-177
	Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent		

Downloads

Documentation

Bid Text

289-554	2019 年2月19 日	xml	Download
X81 - Datei		3.7 kB	
289-554	2015 年2月6 日	doc	Download
doc - Datei		27.1 kB	

Instruction Leaflet

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Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18 日	2.2 MB	

CAD/CAE-Data

CAD data

2D/3D Models 289-554	URL	Download
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CAE data

WSCAD Universe 289-554	URL	Download
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ZUKEN Portal 289-554	URL	Download
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EPLAN Data Portal 289-554	URL	Download
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Asset Administration Shell

Asset Administration Shell 289-554	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-554	URL	Download
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Interface module; with solder pin; Female connector; 50-pole; for mating connectors with IDC; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

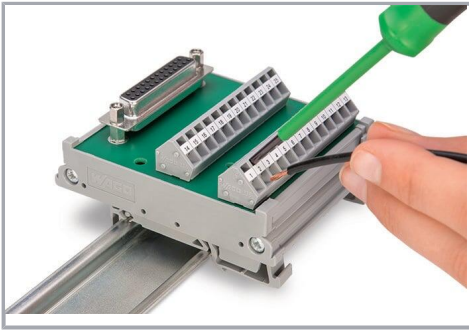
Installation Notes

Conductor termination

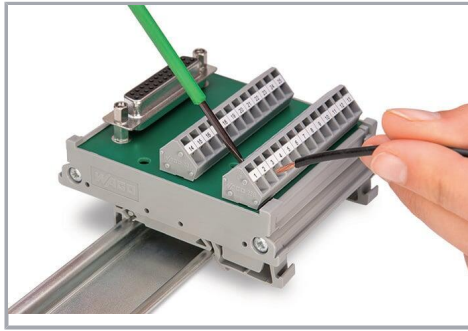
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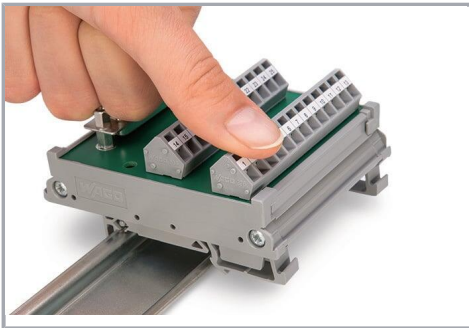


Conductor termination – screwdriver actuation parallel to conductor entry

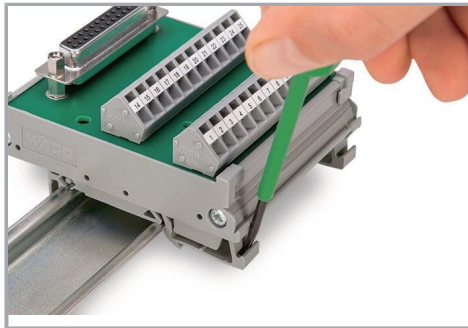


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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