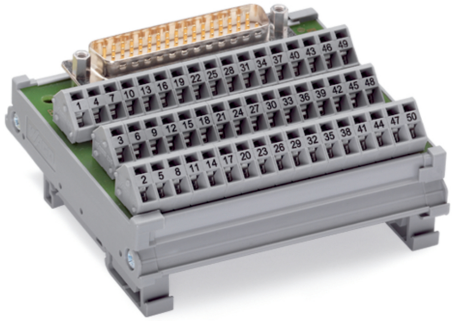
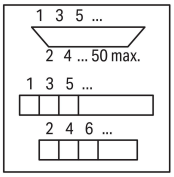
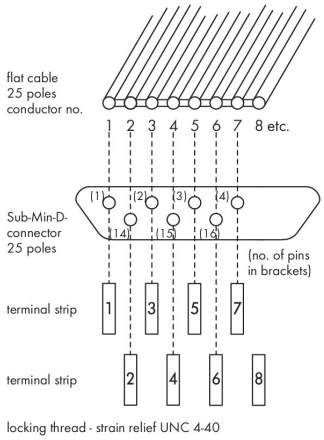
Data Sheet | Item Number: 289-544

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

https://www.wago.com/289-544







Notes

Safety Information	**Notice!** Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.

Electrical data

Operating voltage	≤ 125 VAC/VDC
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection

Rated Voltage	125 V
Pollution degree	2
Protection type	IP00
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

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

Connection 2

Design	PCB terminal blocks (triple-row)
Pole number	50
Connection type	Field
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
Strip length	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	0.998 MJ
Weight	126.8 g

Continued on next page

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)
PU (SPU)	3 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454452216
Customs tariff number	85369010000

Product Classification

UNSPSC	39121421
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,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	8bebd6e9-0e05-4fdf-811c-c5dba1336061
SCIP notification number (Belgium)	1d5364e5-40a2-42f1-9a8c-0a701b7351f2
SCIP notification number (Bulgaria)	9862e7f8-588b-4846-b592-95fda5f5358b
SCIP notification number (Czech Republic)	5e3085b6-bbc1-4eb0-8b33-6042c5593337
SCIP notification number (Denmark)	657cde4d-0221-47e6-b60f-949a5a95c85d
SCIP notification number (Finland)	5b7ecd8d-9faf-45a2-ad55-a0516bdbc4f5
SCIP notification number (France)	390fd549-2e39-4b57-a047-e1dd392ff083
SCIP notification number (Germany)	ba33c737-df4e-4840-a3ea-7137eef4b5a9
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SCIP notification number (Italy)	962eb620-d19a-4cb7-a302-229d921905a0
SCIP notification number (Netherlands)	d5a3c85f-2626-403c-aa04-35017d70a01d
SCIP notification number (Poland)	55f60432-5532-4bf8-a386-9ff01ec9cbb3
SCIP notification number (Romania)	62c70e42-5127-4358-8741-e26fe3aa7535
SCIP notification number (Sweden)	dac45454-af16-4194-940a-05dec65e861f

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Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-544

Documentation

Bid Text

289-544	06.02.2015	doc 26.00 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 289-544

WSCAD Universe 289-544

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

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1.1.2 Tool

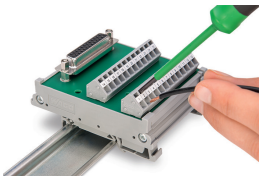
1.1.2.1 Operating tool



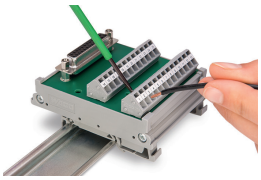
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

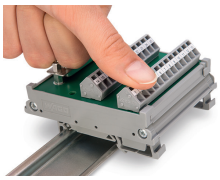


Conductor termination – screwdriver actuation parallel to conductor entry

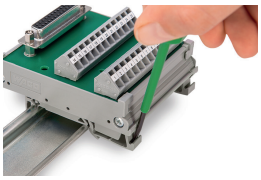


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.