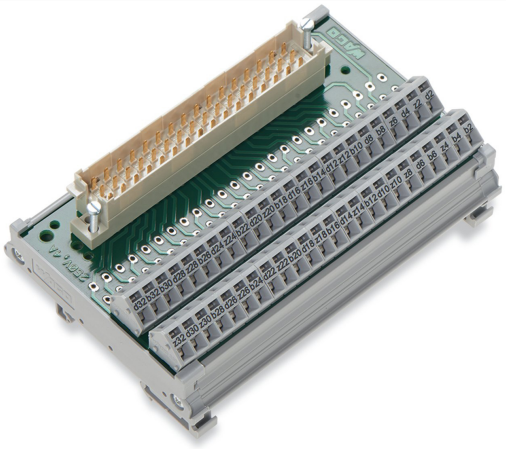
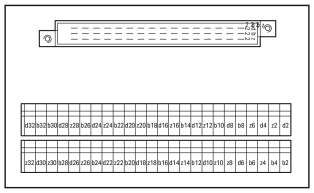
Data Sheet | Item Number: 289-436

Interface module; Pluggable connector per DIN 41612; 48-pole; Harting mating connector; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²

https://www.wago.com/289-436





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	≤ 30 VAC; ≤ 50 VDC
Nominal current	4 A
Contact resistance (max.)	16 mΩ

Safety and protection

Rated Voltage	50 V
Rated impulse withstand voltage	1.5 kV
Pollution degree	2
Protection type	IP00

Connection Data

Performance level	1 / 500 mating cycles

Connection 1

Pluggable connector	Pluggable connector per DIN 41612; Type F; male connector
Pole number 1	48
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design	PCB terminal blocks (double-row)
Pole number	48
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	128 mm / 5.039 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	39 mm / 1.535 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	PCB with mounting feet

Material data

Contact material (connector)	Copper alloy; gold plated
Fire load	1.25 MJ
Weight	140.9 g

Environmental requirements

Relative humidity	≤ 85 % (non-condensing)

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	3 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454432829
Customs tariff number	85366990990

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

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	7b7d912b-f443-4c5b-82ba-8a46e3547f4d
SCIP notification number (Belgium)	faf975f6-24ff-4397-a609-b8c26dc29f80
SCIP notification number (Bulgaria)	a8362302-e96c-4fd0-bb64-e7d1a8629b74
SCIP notification number (Czech Republic)	289c4c75-b3b1-4f88-a29d-aec9c80cde49
SCIP notification number (Denmark)	25f6f79c-9fbf-482f-8597-56556af1d0c3
SCIP notification number (Finland)	22622f05-1bb6-48bd-926e-3542eab493ec
SCIP notification number (France)	9275b0a6-46ee-4bbf-9b71-73c0391c6cd3
SCIP notification number (Germany)	74135dfb-3e3d-4247-8103-5f7596266082
SCIP notification number (Hungary)	55886a55-ce19-48ed-9b1f-4d71601ac192
SCIP notification number (Italy)	b7ad57bb-1847-428d-9c51-b70896c72ec1
SCIP notification number (Netherlands)	289cfee0-3284-44b1-b045-d71989bfec69
SCIP notification number (Poland)	9a2d4b44-0f5c-4a7c-8cb6-9956ba366005
SCIP notification number (Romania)	20798123-ffeb-42d9-906d-57bcabdd2666
SCIP notification number (Sweden)	a80010b1-088e-4c23-8e60-dc1d5c1b3d9e

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-436

Documentation

Bid Text

289-436	19.02.2019	xml 3.44 KB	
289-436	09.02.2015	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 289-436

WSCAD Universe 289-436

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

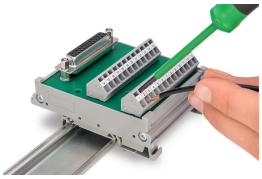
Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



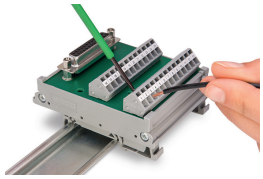
Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry