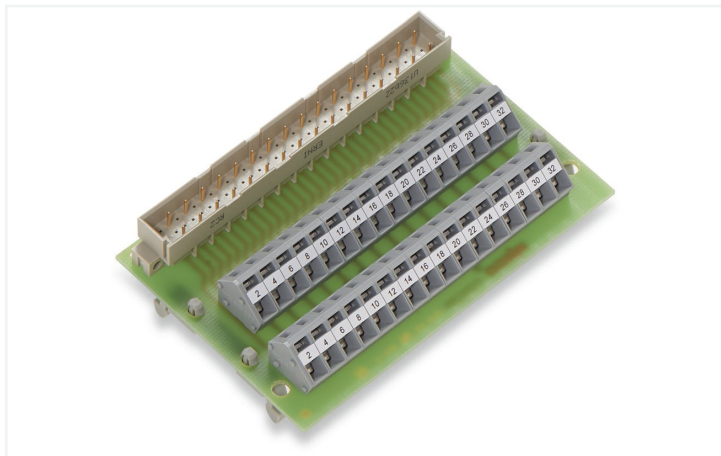


Data Sheet | Item Number: 289-422

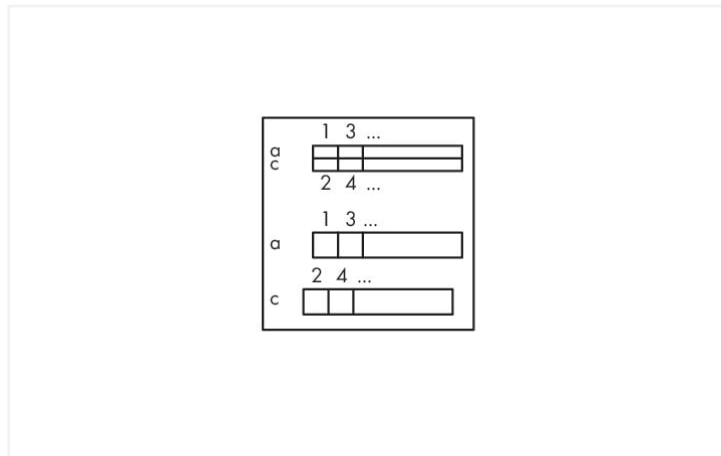
Interface module; Pluggable connector per DIN 41612; 64-pole; Mating connector for IDC; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; Type C; 2,50 mm²



<https://www.wago.com/289-422>



Similar to illustration



Electrical data

Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	1 A
Contact resistance (max.)	20 mΩ

Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
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.

Connection data

Performance level	2 / 400 mating cycles
-------------------	-----------------------

Connection 1

Connector	Pluggable connector per DIN 41612; Type C; Male connector
Pole number 1	64
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	32
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	187 mm / 7.362 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	21 mm / 0.827 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	0.084 MJ
Weight	112.9 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)
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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454385064
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 289-422



Documentation

Bid Text			
289-422	19.02.2019	xml 3.45 KB	↓
289-422	09.02.2015	doc 26.00 KB	↓

Instruction Leaflet	
pdf 1246.19 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 289-422	↓
WSCAD Universe 289-422	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Cover



Item No.: 709-153

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.1.1.2 Cover carrier



Item No.: 709-167

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.1.2 Tool

1.1.2.1 Operating tool

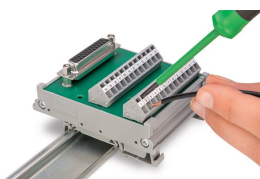


Item No.: 210-720

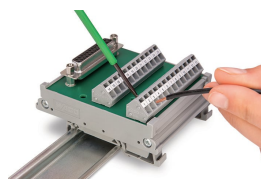
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry