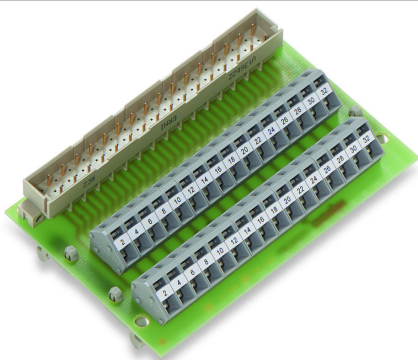


**Data sheet | Item number: 289-424**

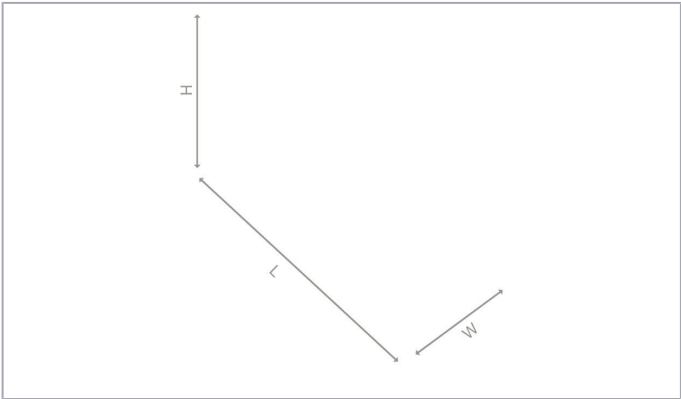
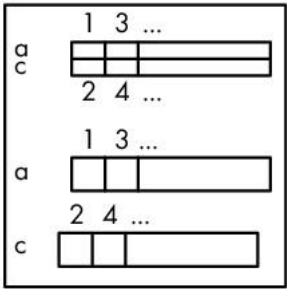
Interface module; Pluggable connector per DIN 41612; 32-pole; Mating connector for solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; Type C; 2,50 mm<sup>2</sup>

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RoHS  
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**Data**

**Electrical Data**

Operating voltage	≤ AC 30 V; ≤ DC 50 V
Nominal current	1 A
Contact resistance (max.)	20 mΩ

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

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## Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00*
Note on protection type	*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

Pole No.	32
Connection type (1)	System
Pluggable connectors	Pluggable connector per DIN 41612; Type C; Male connector
For mating connector	with solder contact
Mating direction	vertical
Connection type 2	Field
Pole number 2	32
Design 2	PCB terminal blocks (double-row)
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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 400 mating cycles

## Physical data

Width	97 mm / 3.819 inch
Height from upper-edge of DIN-rail	21 mm / 0.827 inch
Depth	63.5 mm / 2.5 inch

## Mechanical data

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

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## Material data

Contact material (connector)	Copper alloy; gold plated
Fire load	0.054 MJ
Weight	55 g

## Environmental requirements

Surrounding air temperature (operation)	-20 ... 50 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Relative humidity	85% (non-condensing)

## Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4050821268239
Customs tariff number	85366990990

## Downloads

### Documentation

#### Bid Text

289-424	19. 2. 2019	xml	Download
X81 - Datei		3.5 kB	

289-424	9. 2. 2015	doc	Download
doc - Datei		26.6 kB	

#### Instruction Leaflet

		pdf	Download
		1.3 MB	

### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 289-424	URL	Download
WSCAD Universe 289-424	URL	Download

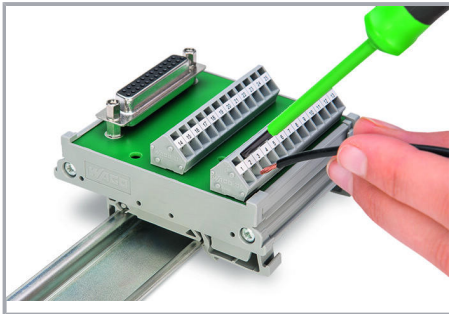
## Environmental Product Compliance

### Compliance Search

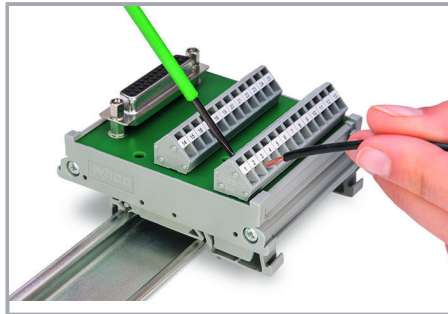
Environmental Product Compliance 289-424	URL	Download
Interface module; Pluggable connector per DIN 41612; 32-pole; Mating connector for solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; Type C; 2,50 mm <sup>2</sup>		

## Installation Notes

### Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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