

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 mm²

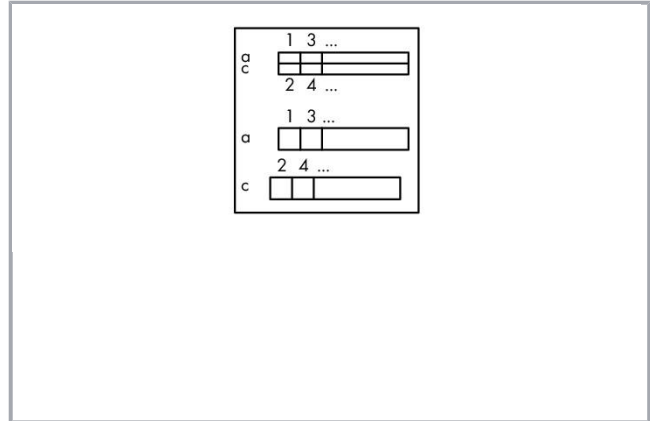


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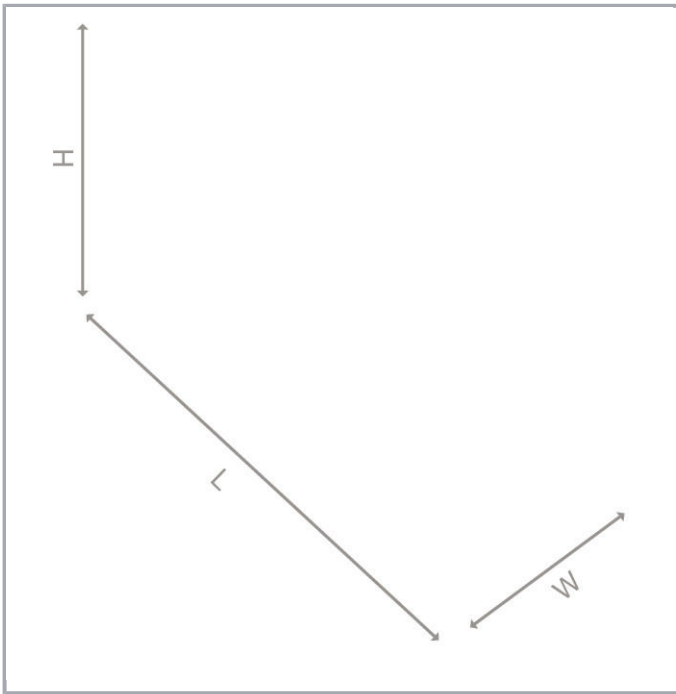
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Subject to changes. Please also observe the further product documentation!

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Data

Electrical Data

Operating voltage	\leq AC 30 V; \leq DC 50 V
Nominal current	1 A
Contact resistance (max.)	20 m Ω

Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Protection class	IP00*
Note on protection class	* Notice! Live conductors! Protection against direct contact must be provided by the equipment builder, e.g., using a WAGO 709 Series cover (see Accessories) or a similar cover. The installation requirements for the particular application must be observed.

Connection data

Connection type (1)	System
No. of poles	32
Pluggable connector	Pluggable connector per DIN 41612; type C; male connector

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For mating connectors	With solder connection
Mating direction	Vertical
Connection type (2)	Field
No. of poles 2	32
Design 2	PCB terminal blocks, 2-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 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 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 400 mating cycles

Geometrical Data

Width	97 mm / 3.819 inch
Height from upper-edge of DIN-35 rail	21 mm / 0.827 inch
Depth	63.5 mm / 2.5 inch

Mechanical data

Type of mounting	DIN-35 rail
Housing design	PCB with mounting feet

Material Data

Contact material (pluggable connector)	Copper alloy, gold plated
Fire load	0.058 MJ
Weight	55 g

Environmental Requirements

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

Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE

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GTIN	4050821268239
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Counterpart

Downloads Documentation

Instruction Leaflet

pdf
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Additional Information

Disposal; Electrical and electronic equipment, Packaging V 1.0.0 pdf 265.8 kB [Download](#)

CAD/CAE-Data

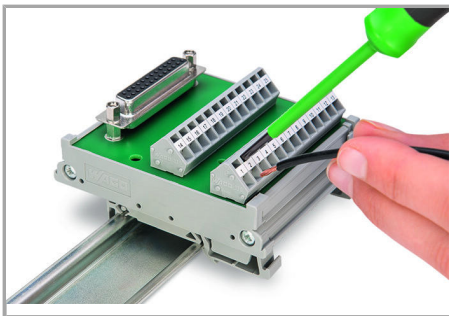
CAE data

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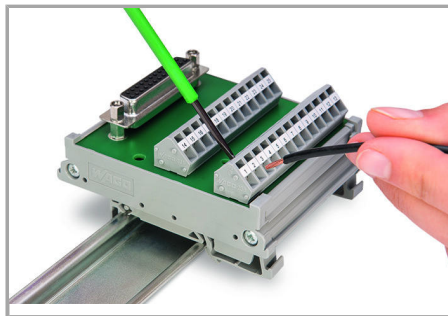
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Installation Notes

Inserting a conductor



Connection of conductor – Operating tool actuation parallel to conductor entry.



Connection of conductor – Operating tool actuation perpendicular to conductor entry.

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