



Data

Electrical data

Operating voltage	≤ 30 VAC; ≤ 50 VDC
Nominal current	1 A

Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Degree of protection	IP00*
Note on Protection Type	* 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

No. of poles	64
Connection type (1)	System



No. of poles	64
Pluggable connector	Pluggable connector per DIN 41651; male connector
Mating direction	Vertical
Connection type (2)	Field
No. of poles 2	64
Design 2	PCB terminal blocks, 2-row
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 236 Series 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	3 / 50 mating cycles

Geometrical Data

Width	187 mm / 7.362 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 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)	Au over Ni
Fire load	0.871 MJ
Weight	108.46 g

Environmental Requirements

Surrounding air (operating) temperature	-20 ... 55 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Relative humidity	≤ 85 % (non condensing)

Commercial data

Country of origin	DE
GTIN	4045454353445
Customs Tariff No.	85369010000
Product Group	6 (Interface Electronics)

Compatible products

tools



Item no.: 210-720

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

www.wago.com/210-720

assembling



Item no.: 709-153

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

www.wago.com/709-153



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

www.wago.com/709-167

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging

Oct 15, 2018

265.8 kB

[Download](#)

smartDATA

CAD data

3D Download 289-409

[URL](#)

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Subject to changes.

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