

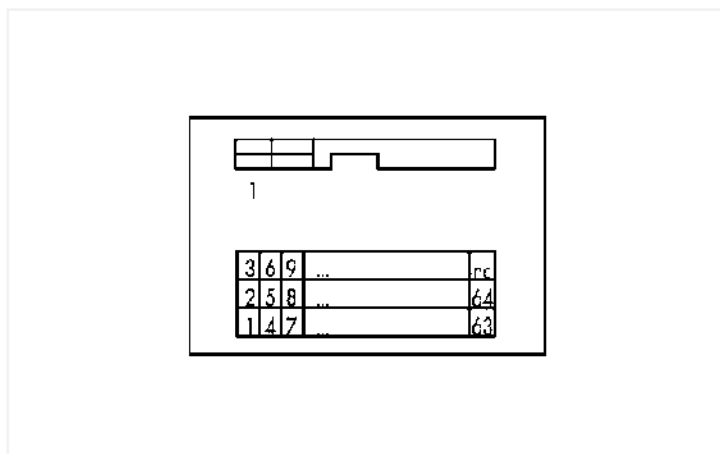
Data Sheet | Item Number: 289-619

Interface module; Pluggable connector per DIN 41651; 64-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

<https://www.wago.com/289-619>



Similar to illustration



Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

Safety and protection

Rated voltage	125 V
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.
Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kVrms
Insulation type	Functional insulation

Connection data

Performance level	3 / 50 mating cycles
-------------------	----------------------

Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	64
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical
Connection type	Male connector; pluggable connector per DIN 41651

Connection 2

Design 2	PCB terminal blocks (triple-deck)
Pole number 2	64
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 737 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	114 mm / 4.488 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches

Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (connector)	Au over Ni
Fire load	1.268 MJ
Weight	170.3 g

Environmental requirements

Ambient temperature (operation at U_N)	-20 ... +55 °C
Surrounding air temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85% (non-condensing)
Operating altitude (max.)	2000 m

Standards and specifications

Standards/specifications	EN 61010-2-201
--------------------------	----------------

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)	3 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454329877
Customs tariff number	8536690990