

## Data Sheet | Item Number: 289-455

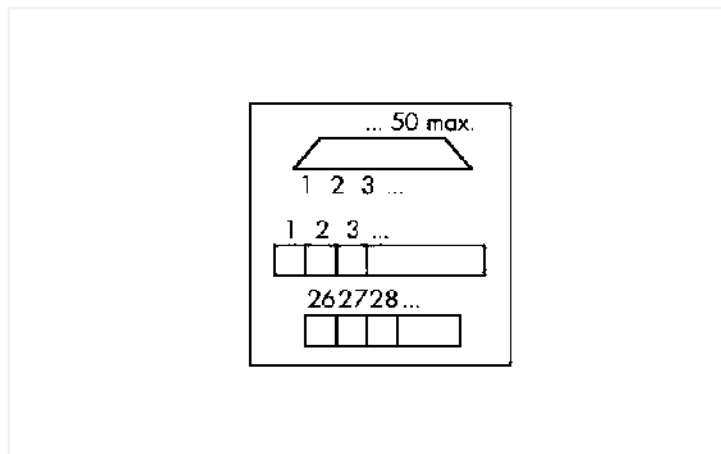
Interface module; with solder pin; Female connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; with mounting feet; 2,50 mm<sup>2</sup>



<https://www.wago.com/289-455>



Similar to illustration



### Electrical data

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

### Safety and protection

Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP00; <b>Notice!</b> 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.
Insulation type	Basic insulation

### Connection data

Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

#### Connection 1

Connector	D-subminiature female connector
Pole number 1	9
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical
For mating connector	with solder contact
Connection type	Female connector; D-sub/HD D-sub

#### Connection 2

Design 2	PCB terminal blocks (double-row)
Pole number 2	9
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG

#### Connection 2

Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

### Physical data

Width	38 mm / 1.496 inches
Height	63.5 mm / 2.5 inches
Depth from upper-edge of DIN-rail	19 mm / 0.748 inches

### Mechanical Data

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

### Material Data

Contact material (connector)	Au over Ni
Fire load	0.054 MJ
Weight	25.3 g

### Environmental requirements

Ambient temperature (operation at $U_N$ )	-20 ... +50 °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
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### 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)	40 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454371159
Customs tariff number	8536690990