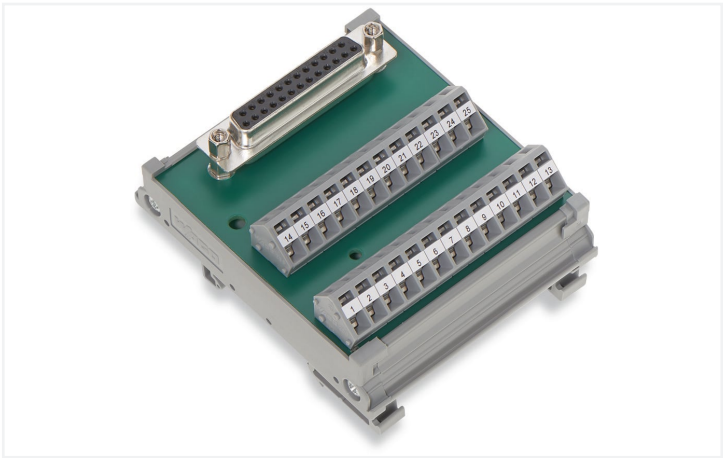
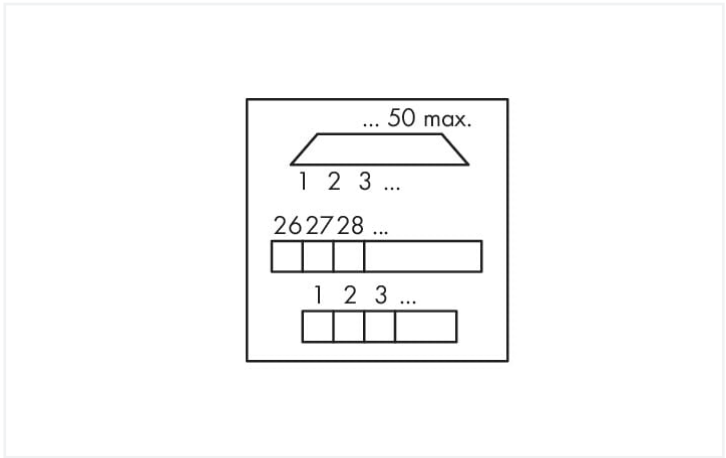


**Data Sheet | Item Number: 289-558**  
Interface module; with solder pin; Female connector; 37-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>  
<https://www.wago.com/289-558>



Similar to illustration



Electrical data	
Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection	
Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
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	37
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	37
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
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		102 mm / 4.016 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		34 mm / 1.339 inches

Mechanical Data		
Mounting type		DIN-35 rail
Housing design		Mounting carrier

Material Data		
Contact material (connector)		Au over Ni
Fire load		1.107 MJ
Weight		113 g

Environmental requirements		
Ambient temperature (operation at U <sub>N</sub> )		-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

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		4045454501303
Customs tariff number		85366990990