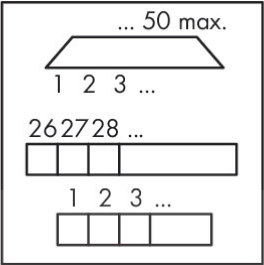






Data Sheet | Item Number: 289-559  
Interface module; with solder pin; Female connector; 50-pole; Mating connector  
with solder connection; Vertical mounting; PCB terminal blocks, double-row; in  
mounting carrier: 2.50 mm<sup>2</sup>



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
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.
Dielectric strength (channel/channel) (AC, 1 min.)	0.75 kVrms
Insulation type	Functional insulation

Connection data	
Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt
<b>Connection 1</b>	
Connector	D-subminiature female connector
Pole number 1	50
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	50
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



Physical data	
Width	94 mm / 3.701 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	1.03 MJ
Weight	123.7 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	4045454409746
Customs tariff number	85366990990

Approvals / Certificates	
General approvals	




Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19
UL Underwriters Laboratories Inc. (ORDINARY LOCATI- ONS)	UL 508	E175199 Vol.2 Sec.1

Downloads
Environmental Product Compliance
Compliance Search
Environmental Product Compliance 289-559

Documentation
Bid Text
289-559
06.02.2015
doc
26.00 KB
Instruction Leaflet
pdf
1246.19 KB

CAD/CAE-Data
CAD data
2D/3D Models 289-559
CAE data
EPLAN Data Portal 289-559
WSCAD Universe 289-559
ZUKEN Portal 289-559

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip

<a href="#">Item No.: 709-196</a> Marking strips; for laser printer; translucent
<a href="#">Item No.: 709-177</a> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent
<a href="#">Item No.: 709-178</a> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.2 Tool
1.1.2.1 Operating tool

<a href="#">Item No.: 210-720</a> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination



### Installation

