

Data Sheet | Item Number: 289-555

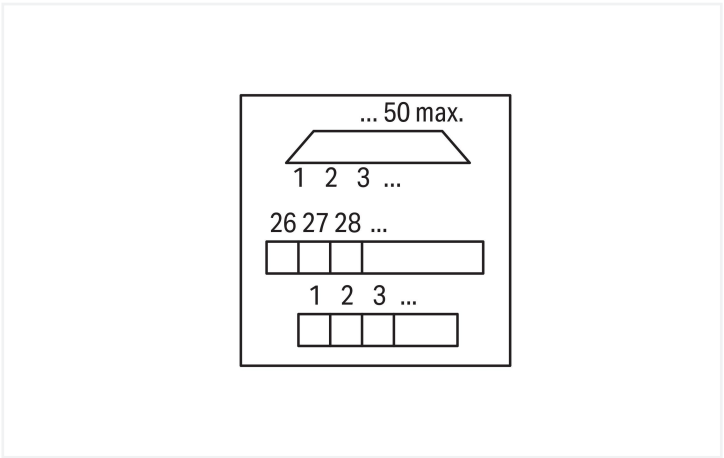
Interface module; with solder pin; Female connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm²



<https://www.wago.com/289-555>



Similar to illustration



Electrical data	
Operating voltage	≤ 125 VAC/VDC
Nominal current	2 A
Contact resistance (max.)	30 mΩ

Safety and protection	
Rated Voltage	125 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Basic insulation

Connection data			
Performance level	2 / 200 mating cycles	Connection 1	
Strain relief	UNC 4-40 stud bolt	Pluggable connector	D-subminiature female connector
		Pole number 1	9
		Connection type 1	System
		Note (conductor cross-section)	12 AWG: THHN, THWN
		Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks (double-row)
Pole number 2	9
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector 2	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data		
Width		38 mm / 1.496 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		0.892 MJ
Weight		46.8 g

Environmental requirements		
Ambient temperature (operation)		-20 ... +50 °C
Ambient temperature (storage)		-40 ... +70 °C
Relative humidity		≤ 85 % (non-condensing)

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 9.0		EC002780
ETIM 8.0		EC002780
PU (SPU)		8 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454371180
Customs tariff number		85366990990

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 289-555	

Documentation	
Bid Text	Instruction Leaflet
289-555 06.02.2015 doc 27.00 KB 	pdf 1246.19 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 289-555 	EPLAN Data Portal 289-555
	WSCAD Universe 289-555
	ZUKEN Portal 289-555

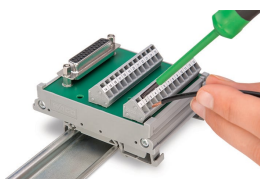
1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip

Item No.: 709-196 Marking strips; for laser printer; translucent	Item No.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	Item No.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

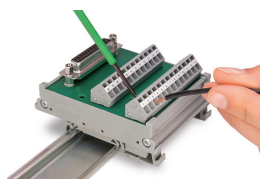
1.1.2 Tool
1.1.2.1 Operating tool
Item No.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

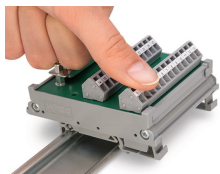


Conductor termination – screwdriver actuation parallel to conductor entry

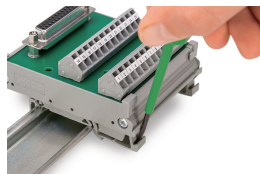


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.