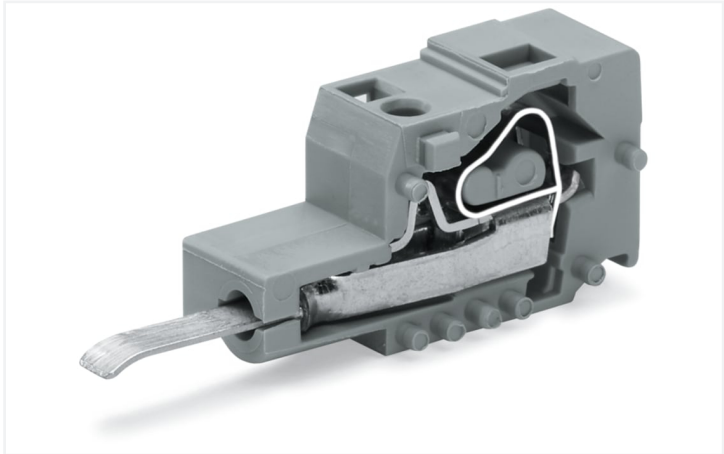


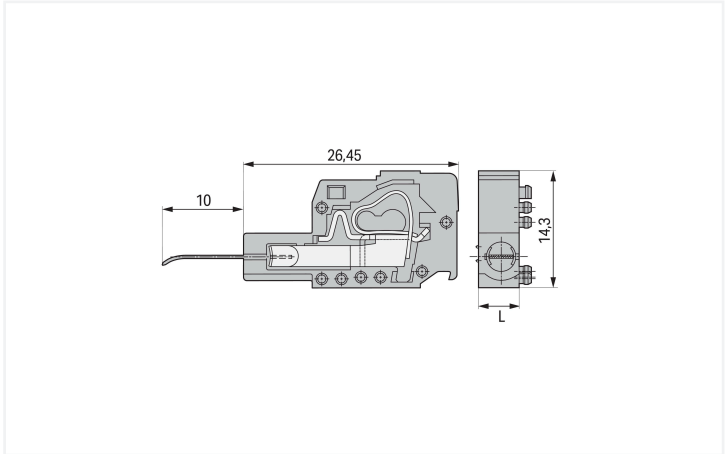
Data Sheet | Item Number: 231-161

Testing plug module with contact stud; for 236 Series; Pin spacing 7.5 mm / 0.295 in; 2,50 mm²; gray

<https://www.wago.com/231-161>



Color: ■ gray



Dimensions in mm
L = pin spacing

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	250 V	-
Rated impulse withstand voltage	-	2.5 kV	-
Rated current	-	0.5 A	-

Connection Data

Clamping units	1
Total number of potentials	1
Number of connection types	1

Connection 1	
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inches

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	7.5 mm / 0.295 inches
Height	14.3 mm / 0.563 inches
Depth	36.45 mm / 1.435 inches



Mechanical data		
Use		Testing without connected conductor
Test contact length		10 mm
Suitable		for 236 Series

Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Electrolytic copper (E _{Cu})
Contact Plating		Tin
Fire load		0.031 MJ
Weight		2.2 g

Environmental requirements		
Limit temperature range		-60 ... +105 °C
Processing temperature		-35 ... +60 °C

Commercial data		
Product Group		3 (Multi Conn. System)
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454193652
Customs tariff number		85366990990

Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-14-11-48
eCl@ss 9.0		27-14-11-48
ETIM 9.0		EC002555
ETIM 10.0		EC002555
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates					
General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1466354	LR Lloyds Register	IEC 61984	96/20035 (E5)

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 231-161	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 231-161 	ZUKEN Portal 231-161 

1 Compatible Products	
1.1 Required Accessories	
1.1.1 End plate	
1.1.1.1 End plate	
	
Item No.: 231-100 End plate; 1.5 mm thick; gray	

1.2 Optional Accessories

1.2.1 Tool

1.2.1.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

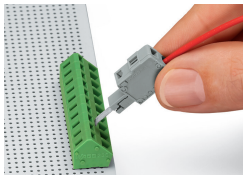


Item No.: 210-657

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

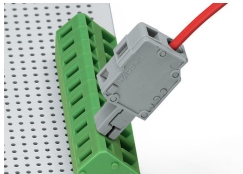
Installation Notes

Application



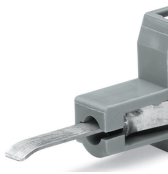
Inserting a test plug module into the operating slot.

Testing



Unwired terminal strip with inserted test plug module

Application



Contact type A:
Testing only when unwired.