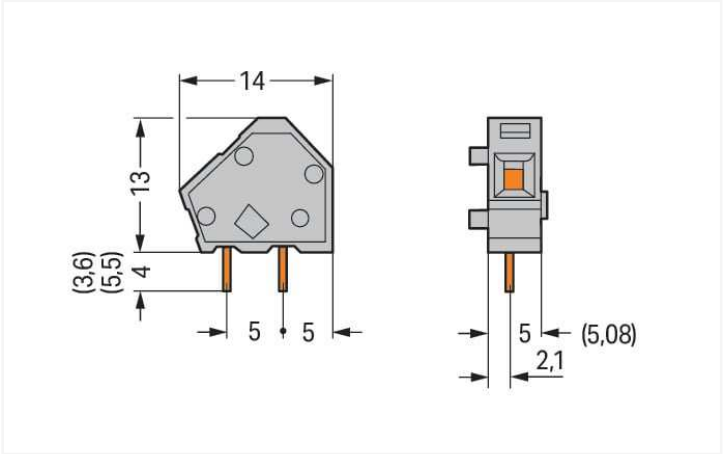
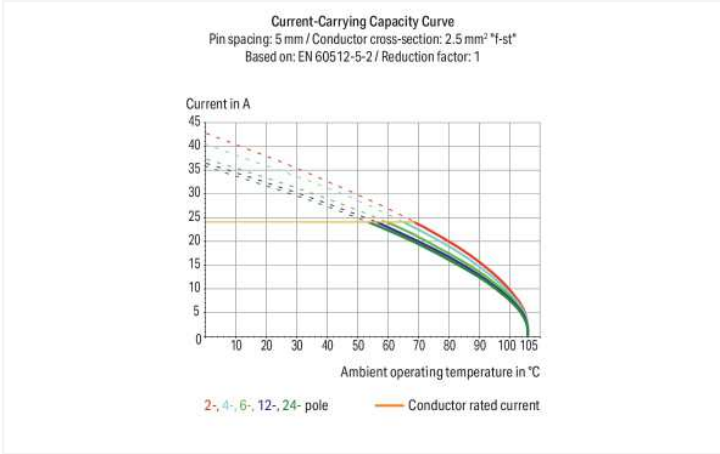




Color: ■ gray



Dimensions in mm



PCB terminal block, 236 Series, solder pin dimensions 0.7 x 0.7 mm

Our PCB terminal block (item number 236-401) makes connections quick and easy. It offers the flexibility needed for different mounting types. Our PCB terminal block is rated for 320 V and is designed to handle a rated current of up to 24 A. As such, it is suitable for high-load applications. Ensure that the strip lengths are between 5 mm and 6 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with CAGE CLAMP®, this product is highly versatile. Our proven universal connection known as CAGE CLAMP® is the industry standard when it comes to connection technology and electrical interconnections. The dimensions are 7.2 x 17 x 14 mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm². Up to one potential / one pole can be connected to this terminal block using one clamping point on one level. The contacts are made of electrolytic copper (ECu), the gray housing is made of polyamide (PA66) for insulation, and the clamping spring is made of chrome-nickel spring steel (CrNi). Tin is used for coating the contact surfaces. An operating tool is used to operate this PCB terminal block. THT is used to assemble the PCB terminal block. Insert the conductor at an angle of 45°. The solder pins are organized within the terminal block (in-line) and are 0.7 x 0.7 mm cross-section and 4 mm in length. Each potential has two solder pins.

Notes	
Variants:	Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ . Versions for Ex e II and Ex i Solder pin length: 3.6 mm Solder pin length: 5.5 mm

Electrical data							
Ratings per IEC/EN 60664-1				Approvals per UL 1059			
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	-	300 V
Nominal voltage	250 V	320 V	630 V	Rated current	15 A	-	10 A
Rated surge voltage	4 kV	4 kV	4 kV				
Rated current	24 A	24 A	24 A				

Approvals per CSA			
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	15 A	-	10 A

Connection data							
Clamping units	1	Connection 1					
Total number of potentials	1	Connection technology	CAGE CLAMP®				
Number of connection types	1	Actuation type	Operating tool				
Number of levels	1	Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG				
		Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG				
		Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²				
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm²				
		Note (conductor cross-section)	12 AWG: THHN, THWN				
		Strip length	5 ... 6 mm / 0.2 ... 0.24 inches				
		Conductor connection direction to PCB	45 °				
		Pole number	1				

Physical data	
Pin spacing	5/5.08 mm / 0.197/0.2 inches
Width	7.2 mm / 0.283 inches
Height	17 mm / 0.669 inches
Height from the surface	13 mm / 0.512 inches
Depth	14 mm / 0.551 inches
Solder pin length	4 mm
Solder pin dimensions	0.7 x 0.7 mm
Drilled hole diameter with tolerance	1.1 (+0.1) mm

PCB contact	
PCB contact	THT
Solder pin arrangement	within the terminal block (in-line)
Number of solder pins per potential	2



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	0.013 MJ	
Weight	0.9 g	

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



Commercial data		
Product Group	4 (Printed Circuit Connectors)	
eCl@ss 10.0	27-44-04-01	
eCl@ss 9.0	27-44-04-01	
ETIM 9.0	EC002643	
ETIM 8.0	EC002643	
PU (SPU)	600 (100) pcs	
Packaging type	Box	
Country of origin	CH	
GTIN	4044918768658	
Customs tariff number	85369010000	

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	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 60947	2160584.25	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7109			
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7195			
CSA DEKRA Certification B.V.	C22.2 No. 158	1673957			

Approvals for marine applications



 		
Approval	Standard	Certificate Name
BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV
DNV DNV GL SE	-	TAE000016Z

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 236-401

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	
Gebrückte Klemmen- leisten für Leiterplatten		pdf 303.71 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 236-401	EPLAN Data Portal 236-401
	ZUKEN Portal 236-401

PCB Design
Symbol and Footprint via SamacSys 236-401
Symbol and Footprint via Ultra Librarian 236-401