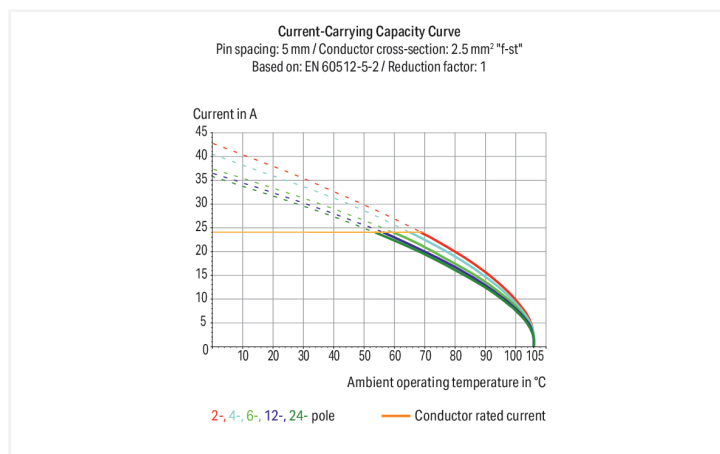


Data Sheet | Item Number: 236-110/000-006

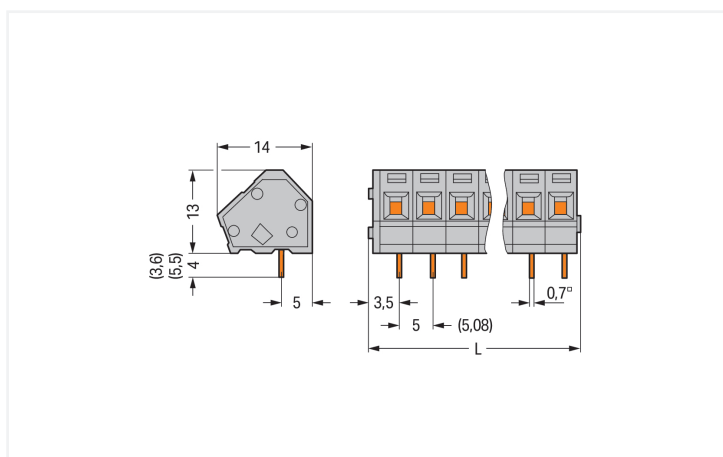
PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 10-pole; CAGE CLAMP®; commoning option; blue

<https://www.wago.com/236-110/000-006>



Color: ■ blue

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 2.3 \text{ mm}$

PCB terminal block, 236 Series, 45 °conductor entry to board

Our PCB terminal block (item number 236-110/000-006) makes connecting wires quick and easy. It is perfect for custom installations with different mounting types. Ensure that the strip lengths are between 5 and 6 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with CAGE CLAMP®, this connector delivers reliable performance. Our celebrated universal connection known as CAGE CLAMP® is industry-leading when it comes to connection technology and electrical interconnections. The item's dimensions are (52.3 x 17 x 14) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm². The contact surface is coated with tin. This PCB terminal block is operated with an operating tool. THT is used to solder the PCB terminal block. The conductor is designed to be inserted at an angle of 45°.

Notes	
Variants:	Other pole numbers Versions for Ex e II and Ex i Other colors Mixed-color PCB connector strips Direct marking Solder pin length: 3.6 mm Solder pin length: 5.5 mm Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .

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 impulse withstand 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	10
Total number of potentials	10
Number of connection types	1
Number of levels	1

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
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 ferule	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	10

Physical data	
Pin spacing	5/5.08 mm / 0.197/0.2 inches
Width	52.3 mm / 2.059 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	1.1 (+0.1) mm

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

Material data		
Note (material data)		Information on material specifications can be found here
Color		blue
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		0.114 MJ
Weight		8.7 g

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

Commercial data		
Product Group		4 (Printed Circuit Connectors)
PU (SPU)		80 (20) pcs
Packaging type		Box
Country of origin		CH
GTIN		4044918766593
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
ETIM 9.0		EC002643
ETIM 10.0		EC002643
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	1673957
UR Underwriters Laboratories Inc.	UL 1059	UL-US-2406095-1



Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 236-110/000-006	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	
Gebrückte Klemmenleis- ten für Leiterplatten		pdf 303.71 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 236-110/000-006	

PCB Design	
Symbol and Footprint via SamacSys 236-110/000-006	
Symbol and Footprint via Ultra Librarian 236-110/000-006	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Stickers with operating instructions

1.1.1.1 Stickers with operating instructions



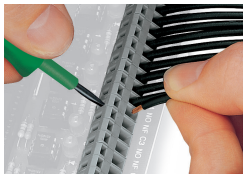
Item No.: 210-191
Stickers for operating instructions; for PCB
terminal blocks; 236 Series

Installation Notes

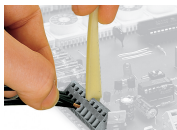
Conductor termination



Inserting a conductor via 3.5 mm screwdriv-
er.
Screwdriver actuation parallel to conductor
entry



Inserting a conductor via 3.5 mm screwdriv-
er.
Screwdriver actuation perpendicular to con-
ductor entry



Inserting a conductor via operating tool.



Compared to standard screwdrivers, these
operating tools are far more convenient for
wiring PCB terminal strips at factory.

Installation



PCB Terminal Strips placed behind each other save space – staggering them by half the pin spacing simplifies subsequent wiring of the first row.

Installation



Combining PCB terminal blocks with different pin spacing.

Marking



Optional: Labeling via factory direct marking.



Optional: Labeling with self-adhesive marking strips possible