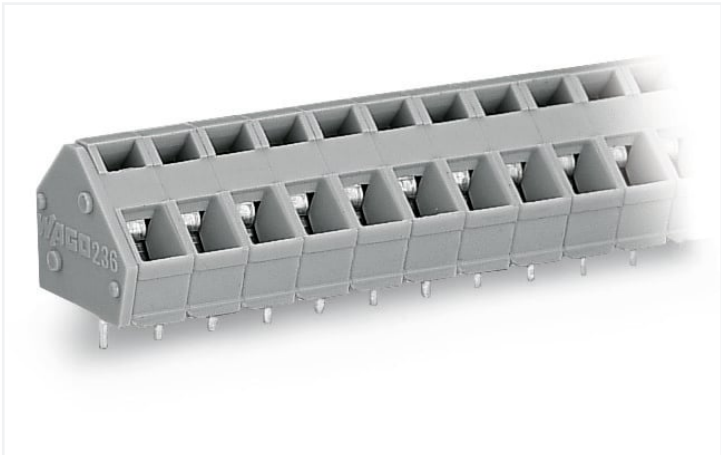


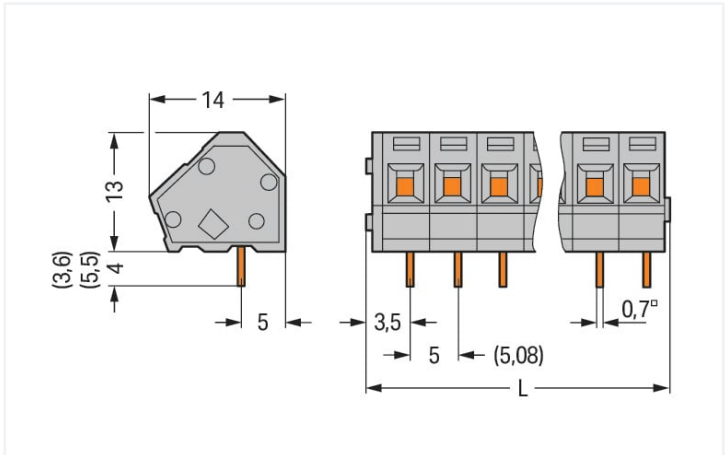
Data Sheet | Item Number: 236-110

PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 10-pole; CAGE CLAMP®; commoning option; 2,50 mm²; gray

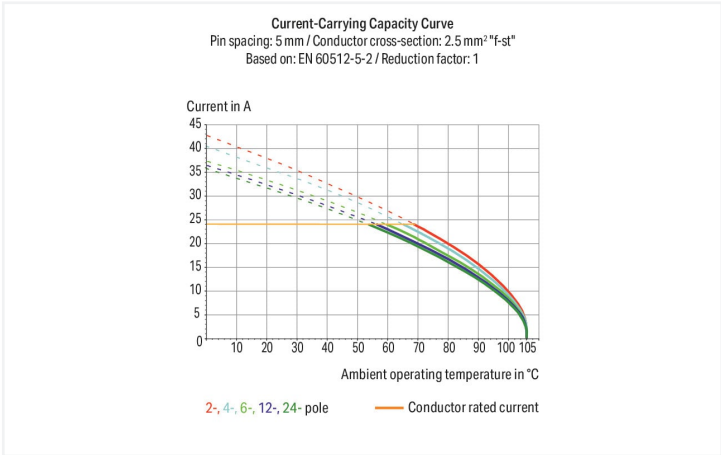
<https://www.wago.com/236-110>



Color: gray



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



- PCB terminal strips with CAGE CLAMP® connection, screwdriver actuation parallel or perpendicular to conductor entry
- Versions with Ex approval
- Mixed-color PCB terminal strips from factory
- Operating tools for factory wiring
- 45° conductor entry angle permits a wide range of applications and wiring options
- Set to metric or inch pin spacing by compressing PCB terminal strips or pulling them apart

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	
Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per CSA	
Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data			
Connection points	10	Connection 1	
Total number of potentials	10	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	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 with tolerance	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		1

Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Material group		I
Insulation material		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		0.134 MJ
Weight		8.6 g

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

Commercial data		
Product Group		4 (Printed Circuit Connectors)
ETIM 8.0		EC002643
ETIM 7.0		EC002643
PU (SPU)		80 (20) pcs
Packaging type		Box
Country of origin		CH
GTIN		4044918766586
Customs tariff number		85369010000

Approvals / Certificates					
General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	1673957	BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV

Downloads
Environmental Product Compliance




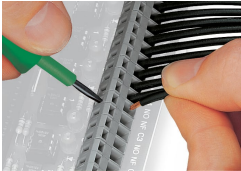
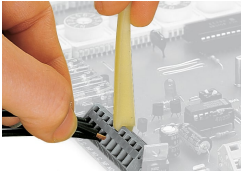
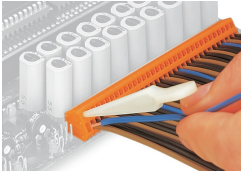
Compliance Search			
Environmental Product Compliance 236-110			↓


Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	↓
Gebrückte Klemmen- leisten für Leiterplatten		pdf 303.71 KB	↓

1 Compatible Products
1.1 Optional Accessories
1.1.1 Stickers with operating instructions
1.1.1.1 Stickers with operating instructions

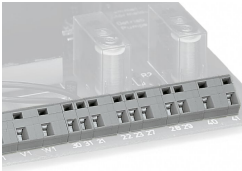


[Item No.: 210-191](#)
Stickers for operating instructions; for PCB terminal blocks; 236 Series

Installation Notes			
Conductor termination			
			
Inserting a conductor via 3.5 mm screwdriver. Screwdriver actuation parallel to conductor entry	Inserting a conductor via 3.5 mm screwdriver. Screwdriver actuation perpendicular to conductor 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