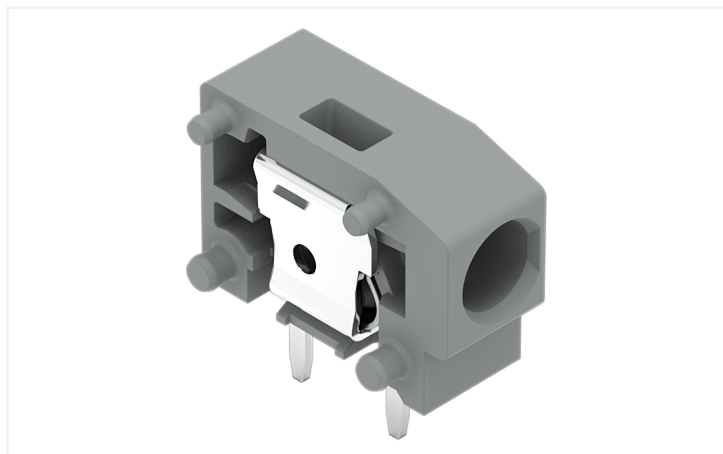


Data Sheet | Item Number: 235-740

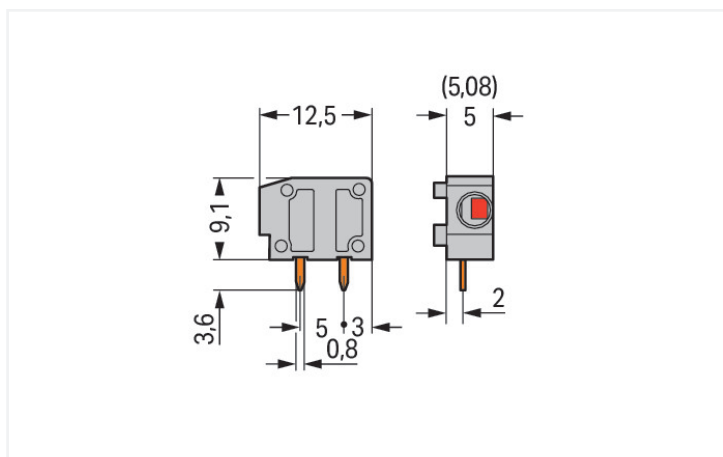
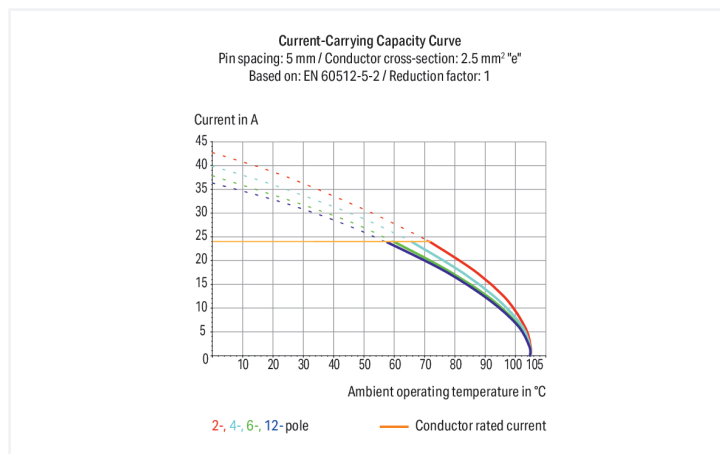
Stackable PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 1-pole; PUSH WIRE®; red

<https://www.wago.com/235-740>



Color: ■ red

Similar to illustration



Dimensions in mm

PCB terminal block, 235 Series, solder pin dimensions 0.8 x 0.4 mm

Our PCB terminal block (item number 235-740) is the ideal way to connect conductors quickly and easily. You can count on trusted safety with these PCB terminal blocks, perfect for a wide range of applications when designing your devices. Ensure that the strip lengths are between 9 and 10 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with PUSH WIRE®, this product delivers reliable performance. Our tried-and-tested PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (6.5 x 12.8 x 12.5) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 2.5 mm².

The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. Insert the conductor at an angle of 0°..



Notes	
Variants:	Other colors 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	10 A - 10 A
Rated impulse withstand voltage	4 kV	4 kV	4 kV			
Rated current	24 A	24 A	24 A			

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

Connection data		
Clamping units	1	
Total number of potentials	1	
Number of connection types	1	
Number of levels	1	
		Connection 1
		Connection technology PUSH WIRE®
		Actuation type Operating tool
		Solid conductor 0.5 ... 2.5 mm² / 20 ... 14 AWG
		Fine-stranded conductor; with insulated ferrule 0.25 ... 1.5 mm²
		Fine-stranded conductor; with uninsulated ferrule 0.25 ... 1.5 mm²
		Strip length 9 ... 10 mm / 0.35 ... 0.39 inches
		Conductor connection direction to PCB 0°
		Pole number 1

Physical data	
Pin spacing	5/5.08 mm / 0.197/0.2 inches
Width	6.5 mm / 0.256 inches
Height	12.8 mm / 0.504 inches
Height from the surface	9.2 mm / 0.362 inches
Depth	12.5 mm / 0.492 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.8 x 0.4 mm
Drilled hole diameter with tolerance	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		red
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		0.011 MJ
Weight		0.7 g

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

Commercial data		
PU (SPU)		800 (100) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143800242
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
ETIM 9.0		EC002643
ETIM 8.0		EC002643
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 235-740		

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

PCB Design

Symbol and Footprint
via SamacSys 235-740

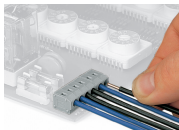


Symbol and Footprint
via Ultra Librarian
235-740



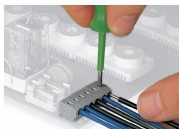
Installation Notes

Conductor termination



Inserting a solid conductor via push-in termination.

Conductor removal



Removing a conductor via screwdriver (2.5 mm blade width).