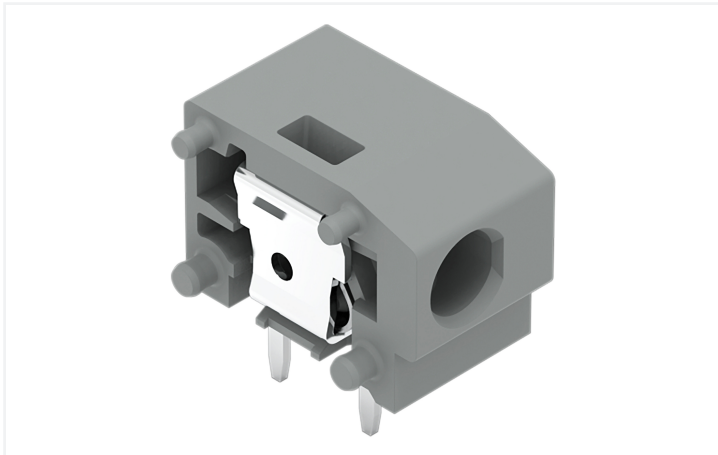


Data Sheet | Item Number: 235-757

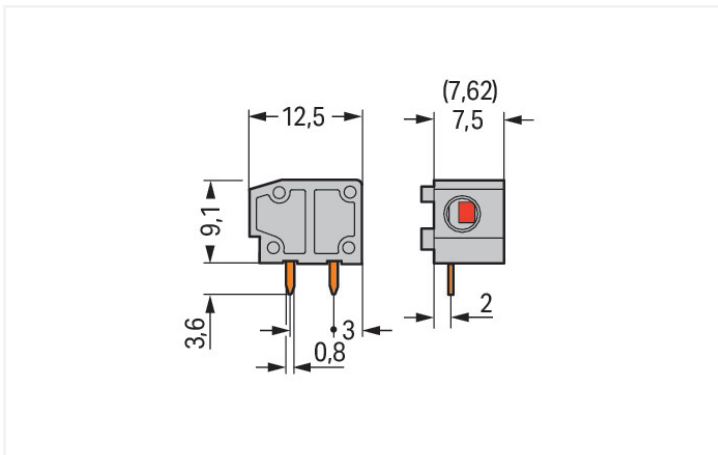
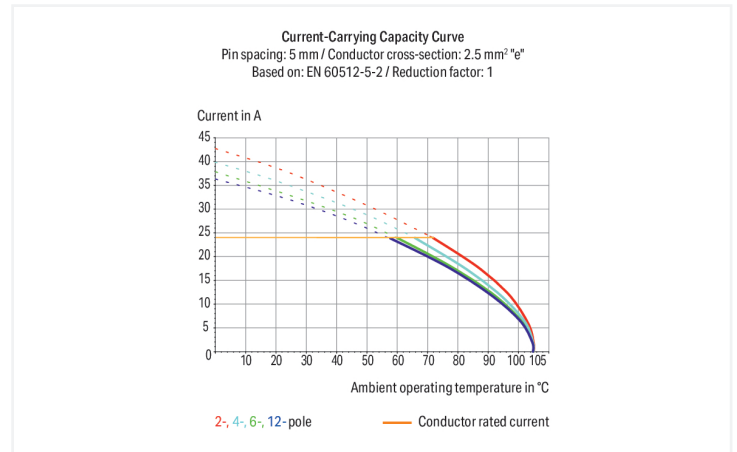
Stackable PCB terminal block; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; PUSH WIRE®; light green

<https://www.wago.com/235-757>



Color: ■ light green

Similar to illustration



Dimensions in mm

PCB terminal block, 235 Series, with 7.5 mm pin spacing

Our PCB terminal block (item number 235-757) makes connecting wires quick and easy. It is a universal connector that can be used almost anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Strip lengths must be between 9 and 10 mm when connecting conductors to this PCB terminal block. This product incorporates one conductor terminal and utilizes PUSH WIRE®. Our PUSH WIRE® connection offers a quick and simple method for connecting solid conductors. The dimensions are (9 x 12.8 x 12.5) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 2.5 mm². Tin is used for coating the contact surfaces. This PCB terminal block is operated with an operating tool. The PCB terminal block is designed for THT soldering. Insert the conductor into the board at a 0° angle..



Notes	
Variants:	Other colors Versions for Ex i 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		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	400 V	630 V	1000 V	
Rated impulse withstand voltage	6 kV	6 kV	6 kV	
Rated current	24 A	24 A	24 A	

Approvals per		UL 1059		
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	10 A	-	10 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	7.5/7.62 mm / 0.295/0.3 inches
Width	9 mm / 0.354 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
!	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	light green	
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	0.015 MJ	
Weight	0.8 g	

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

Commercial data		
Product Group	4 (Printed Circuit Connectors)	
PU (SPU)	600 (100) pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4044918832687	
Customs tariff number	85369010000	

Product Classification		
UNSPSC	39121409	
eCl@ss 10.0	27-44-04-01	
eCl@ss 9.0	27-44-04-01	
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			Declarations of conformity and manufacturer's declarations		
CCA CCA KEMA KEUR			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor-	-	-
CCA	EN 60947	NTR NL-7144	mity		
DEKRA Certification B.V.			WAGO GmbH & Co. KG		
CCA	EN 60998	NTR NL 6919	UK-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
WAGO GmbH & Co. KG			WAGO GmbH & Co. KG		
KEMA/KEUR	EN 60947	2160584.38			
DEKRA Certification B.V.					



Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	24-0095975-PDA
DNV DNV GL SE	-	TAE000016Z
PRS Polski Rejestr Statków	-	TE/1095/880590/23

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 235-757

Documentation

Additional Information
Technical Section
03.04.2019
pdf 2027.26 KB

CAD/CAE-Data

CAD data
2D/3D Models 235-757

CAE data
EPLAN Data Portal 235-757
ZUKEN Portal 235-757

PCB Design
Symbol and Footprint via SamacSys 235-757
Symbol and Footprint via Ultra Librarian 235-757



1 Compatible Products			
1.1 Required Accessories			
1.1.1 End plate			
1.1.1.1 End plate			
			
Item No.: 235-500 End plate; snap-fit type; 1 mm thick; black	Item No.: 235-400 End plate; snap-fit type; 1 mm thick; blue	Item No.: 235-200 End plate; snap-fit type; 1 mm thick; dark gray	Item No.: 235-100 End plate; snap-fit type; 1 mm thick; gray
			
Item No.: 235-300 End plate; snap-fit type; 1 mm thick; light gray	Item No.: 235-700 End plate; snap-fit type; 1 mm thick; light green	Item No.: 235-600 End plate; snap-fit type; 1 mm thick; orange	Item No.: 235-800 End plate; snap-fit type; 1 mm thick; red
			
Item No.: 235-650 End plate; snap-fit type; 1 mm thick; violet	Item No.: 235-850 End plate; snap-fit type; 1 mm thick; white	Item No.: 235-550 End plate; snap-fit type; 1 mm thick; yellow	
1.1.2 Installation			
1.1.2.1 Intermediate plate			
			
Item No.: 235-701 Spacer; for doubling the pin spacing; gray			
1.2 Optional Accessories			
1.2.1 Ferrule			
1.2.1.1 Ferrule			
			
Item No.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-141 Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	Item No.: 216-262 Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray
			
Item No.: 216-142 Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	Item No.: 216-263 Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	Item No.: 216-143 Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92
			
Item No.: 216-244 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	Item No.: 216-264 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	Item No.: 216-284 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	Item No.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored
			
Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated	Item No.: 216-110 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic	Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored	Item No.: 216-107 Ferrule; Sleeve for 4 mm² / AWG 12; un-insulated; electro-tin plated

1.2.1.1 Ferrule



Item No.: 216-108
Ferrule; Sleeve for 6 mm² / AWG 10; unin-
sulated; electro-tin plated; silver-colored

1.2.2 Marking

1.2.2.1 Marking strip



Item No.: 210-332/750-020
Marking strips; as a DIN A4 sheet; MAR-
KED; 1-20 (80x); Height of marker strip: 3
mm; Strip length 182 mm; Horizontal mar-
king; Self-adhesive; white



Item No.: 210-332/762-020
Marking strips; as a DIN A4 sheet; MAR-
KED; 1-20 (80x); Height of marker strip: 3
mm; Strip length 182 mm; Horizontal mar-
king; Self-adhesive; white

1.2.3 Tool

1.2.3.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a
partially insulated shaft



Item No.: 210-648
Operating tool; Blade: 2.5 x 0.4 mm; with a
partially insulated shaft; angled; short



Item No.: 210-647
Operating tool; Blade: 2.5 x 0.4 mm; with a
partially insulated shaft; multicoloured

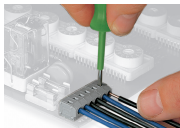
Installation Notes

Conductor termination



Inserting a solid conductor via push-in ter-
mination.

Conductor removal



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