



Double-deck PCB terminal block; 2.5 mm²; Pin spacing 7.5 mm; 2 x 6-pole; CAGE CLAMP®

Item No.: 736-506



Double-deck PCB terminal block; 2.5 mm²; Pin spacing 7.5 mm; 2 x 6-pole; CAGE CLAMP®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	736-506
GTIN / EAN	4044918914581
Content	1
Order amount	42
Customer item number	

Notes

Item description: Terminal strips with screwdriver-actuated CAGE CLAMP® High-density, double-deck design for space-efficient wiring of multiple conductors in confined areas Custom inkjet marking for all termination levels Terminal strips with commoning strips for distribution of potential

Technical data

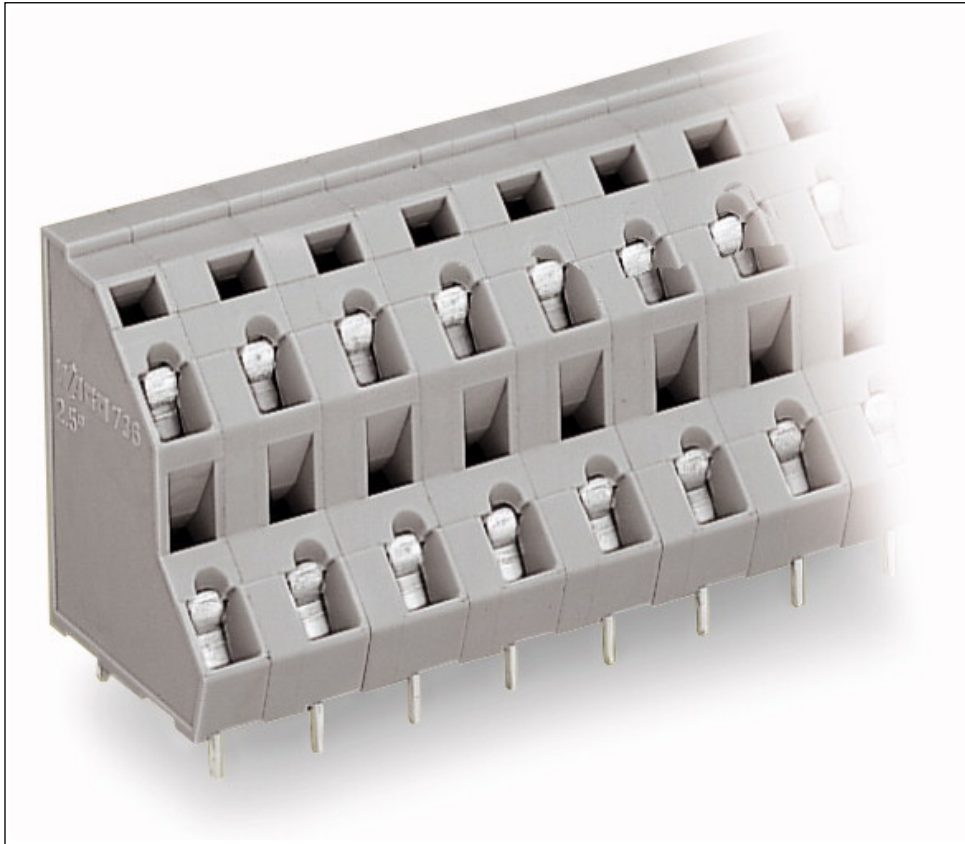
Miscellaneous

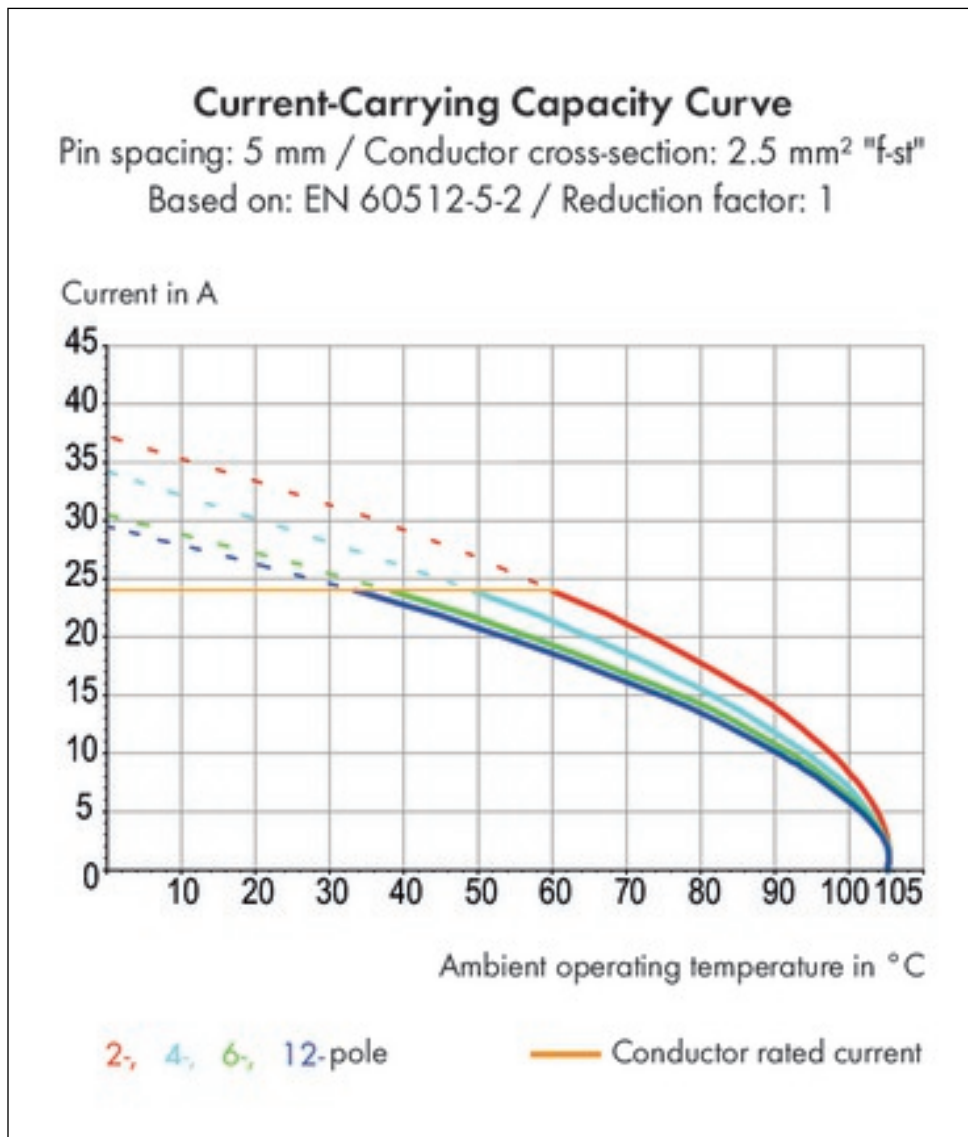
Packaging type	BOX
Ratings per	IEC/EN 60664-1
Ratings note	Between the modules

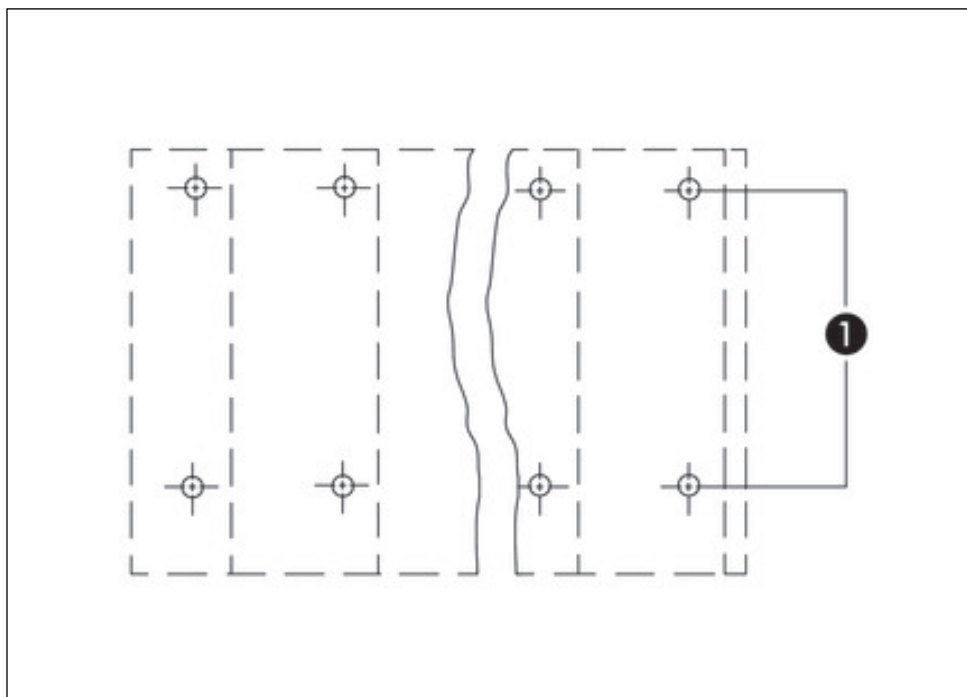
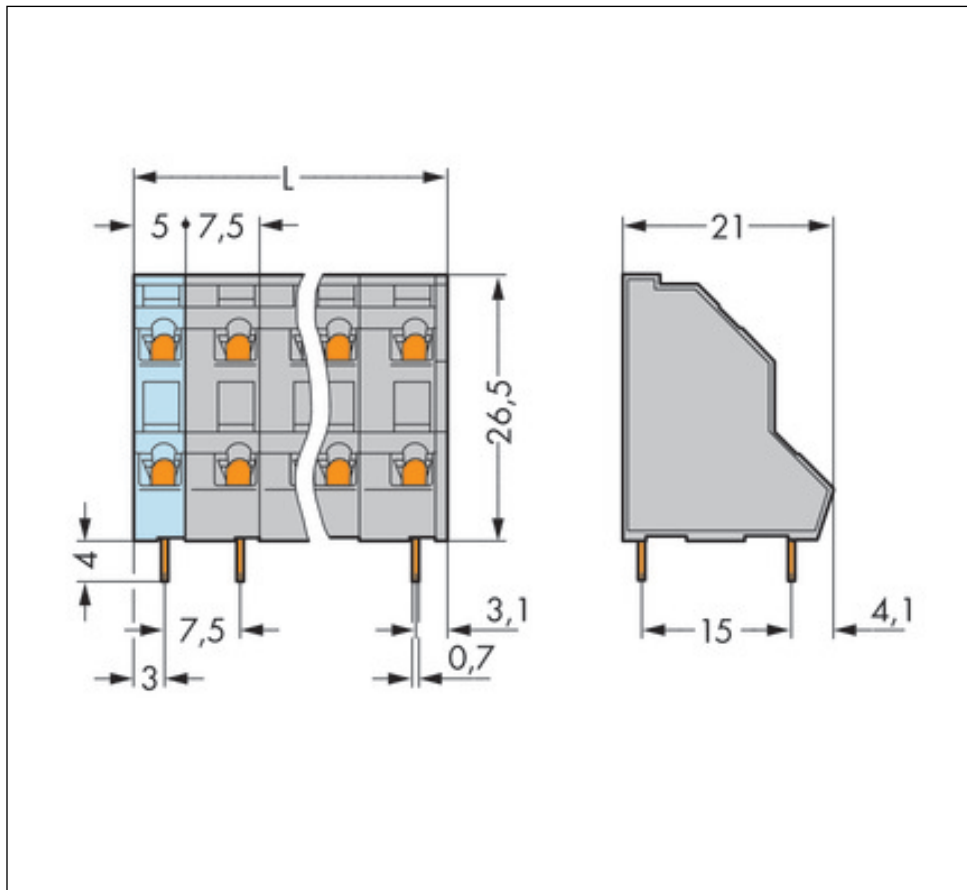
Technical data	
Rated voltage (III / 3) [V]	400 [V]
Rated impulse voltage (III / 3) [kV]	6 [kV]
Rated voltage (III/2) [V]	630 [V]
Rated impulse voltage (III / 2) [kV]	6 [kV]
Rated voltage (II / 2) [V]	1000 [V]
Rated impulse voltage (II / 2) [kV]	6 [kV]
Rated current [A]	21 [A]
Ratings according to 2	IEC/EN 60664-1
Ratings note 2	Between the decks
Rated voltage (III / 3) 2 [V]	320 [V]
Rated impulse voltage (III / 3) 2 [kV]	4 [kV]
Rated voltage (III / 2) 2 [V]	320 [V]
Rated impulse voltage (III / 2) 2 [kV]	4 [kV]
Rated voltage (II / 2) 2 [V]	630 [V]
Rated impulse voltage (II / 2) 2 [kV]	4 [kV]
Rated current (2) [A]	21 [A]
Legend (ratings)	(III / 2) Overvoltage category III / Pollution degree 2
Approvals per	UL 1059
Rated voltage UL (Use Group B) [V]	300 [V]
Rated current UL (Use Group B) [A]	10 [A]
Rated voltage UL (Use Group D) [V]	300 [V]
Rated current UL (Use Group D) [A]	10 [A]
Rated voltage CSA (Use Group B) [V]	300 [V]
Rated current CSA (Use Group B) [A]	10 [A]
Rated voltage CSA (Use Group D) [V]	300 [V]
Rated current CSA (Use Group D) [A]	10 [A]
No. of poles	6
Total number of connection points	12
Total number of potentials	12
Number of connection types	1
Number of levels	2
Connection technology	CAGE CLAMP®
Number of connection points (connection type)	1
Actuation type	Operating tool

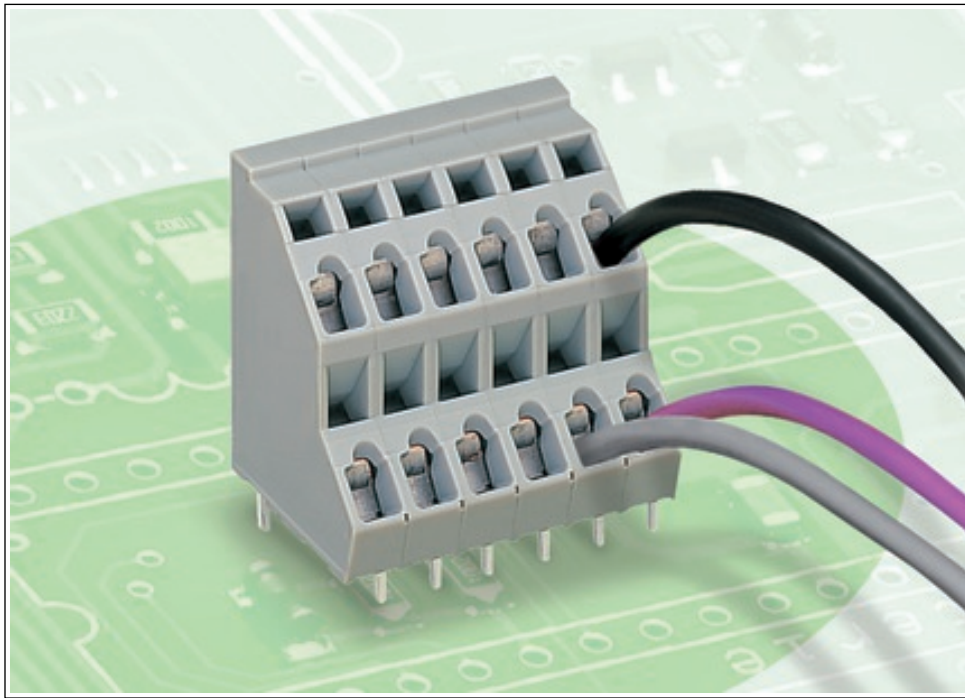
Technical data	
<i>Solid conductor</i>	0.08 ... 2.5 mm ² / 28 ... 12 AWG
<i>Fine-stranded conductor</i>	0.08 ... 2.5 mm ² / 28 ... 12 AWG
<i>Fine-stranded conductor with ferrule with plastic collar</i>	0.25 ... 1.5 mm ² / ...
<i>Fine-stranded conductor with ferrule without plastic collar</i>	0.25 ... 2.5 mm ² / ...
<i>Strip length</i>	5 ... 6 mm / 0.2 ... 0.24 Inch
<i>Conductor entry angle to the PCB [°]</i>	45 [°]
<i>Pin spacing</i>	7.5 mm (0.295 in)
<i>Width</i>	43.5 mm / 1.713 Inch
<i>Height</i>	30.5 mm / 1.201 Inch
<i>Height from the surface</i>	26.5 mm / 1.043 Inch
<i>Depth</i>	21 mm / 0.827 Inch
<i>Solder pin length [mm]</i>	4 [mm]
<i>Solder pin dimensions</i>	0.7 x 0.7 mm
<i>Drilled hole diameter (tolerance) [mm]</i>	1.3(+ 0.1) [mm]
<i>PCB contact</i>	THT
<i>Solder pin arrangement</i>	within the terminal block, in line
<i>Number of solder pins per potential</i>	1
<i>Color</i>	gray
<i>Material group</i>	I
<i>Insulating material</i>	Polyamide 46 (PA 46)
<i>Flammability class per UL94</i>	V0
<i>Clamping spring material</i>	Chrome nickel spring steel (CrNi)
<i>Contact material</i>	Electrolytic copper (Ecu)
<i>Contact plating</i>	tin-plated
<i>Fire load [MJ]</i>	0.267 [MJ]
<i>Weight [g]</i>	15.65 [g]
<i>Limit temperature range</i>	-60 ... 105 °C

Images & drawings









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Technische Änderungen und Irrtümer vorbehalten.