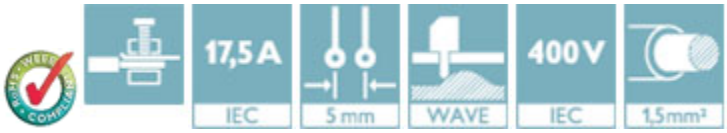
PCB terminal block - BC-500X14- 6 GY - 5442086

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 6, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: signal grey



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85369010
Country of origin	China

Technical data

Dimensions

Length	9.8 mm
Pitch	5.00 mm
Dimension a	25 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	BC-X14
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE

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Technical data

General

Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	7 mm
Number of positions	6
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121409
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

PCB terminal block - BC-500X14- 6 GY - 5442086

Approvals

UL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

VDE Zeichengenehmigung

mm²/AWG/kcmil	0.14-1.5
Nominal current IN	17.5 A
Nominal voltage UN	400 V

IECEE CB Scheme

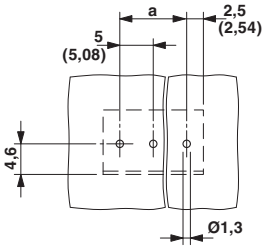
mm²/AWG/kcmil	0.14-2.5
Nominal current IN	17.5 A
Nominal voltage UN	400 V

cULus Recognized

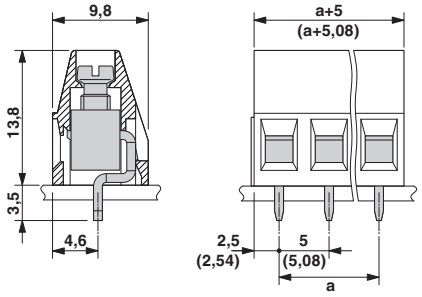
Drawings

PCB terminal block - BC-500X14- 6 GY - 5442086

Drilling diagram



Dimensional drawing



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